2026 FACILITIES MASTER PLAN

AACC

JMZ
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AACC

2026 Facilities Master Plan

August 11, 2025

Main Campus
101 College Parkway
Arnold, Maryland 21012

Dr. Dawn Lindsay, President

The following individuals served on the Steering Committee:

Larry Ulvila, AACC Board of Trustees Liaison

Dawn Lindsay, President

Melissa Beardmore, Vice President for Learning Resources Management

Richard Kralevich, Vice President for Information and Instructional Technology

Tanya Millner, Provost/Vice President for Learning

Felicia Patterson, Vice President for Learner Support Services

James Taylor, Executive Director Administrative Services

Darian Senn-Carter, Director and Professor, Homeland Security and Criminal Justice Institute, School of Business and Law, Administrative Staff Organization Representative

Kim Law, Associate Professor, Business Management, School of Business and Law, Faculty Organization (TFO) Liaison

Liz Ward, Department of Chemistry, Instructional Specialist III, Professional and Support Staff Organization Representative

Message to On-Screen Readers

The PDF version of this report has been optimized for on-screen navigation.

1. The Table of Contents is clickable. Click on a page number to advance to the selected page.
2. A click on the bottom center of any page will return the PDF to the Table of Contents.
3. The PDF includes bookmarks for each section.

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UTILIZATION STUDY

ENROLLMENT PROJECTIONS, ACADEMIC PROGRAMS, AND SPACE NEEDS ASSESSMENT

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2026 FACILITIES MASTER PLAN

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01.   EXECUTIVE SUMMARY

PLANNING PROCESS

This 2026 Facilities Master Plan (FMP) for Anne Arundel Community College (AACC) is a ten-year plan that focuses on the renewal of existing facilities to support the College's strategic mission. The planning process began in September 2024 and the final report will be delivered to the State in February 2026. The planning team was led by JMZ Architects and Planners (JMZ) in collaboration with the Forella Group (cost estimators) and the FMP Steering Committee and FMP Operations Committee.

STEERING COMMITTEE

- Larry Ulvila, AACC Board of Trustees Liaison
- Dawn Lindsay, President
- Melissa Beardmore, Vice President for Learning Resources Management
- Richard Kralevich, Vice President for Information and Instructional Technology
- Tanya Millner, Provost/Vice President for Learning
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- Liz Ward, Department of Chemistry, Instructional Specialist III, Professional and Support Staff Organization Representative

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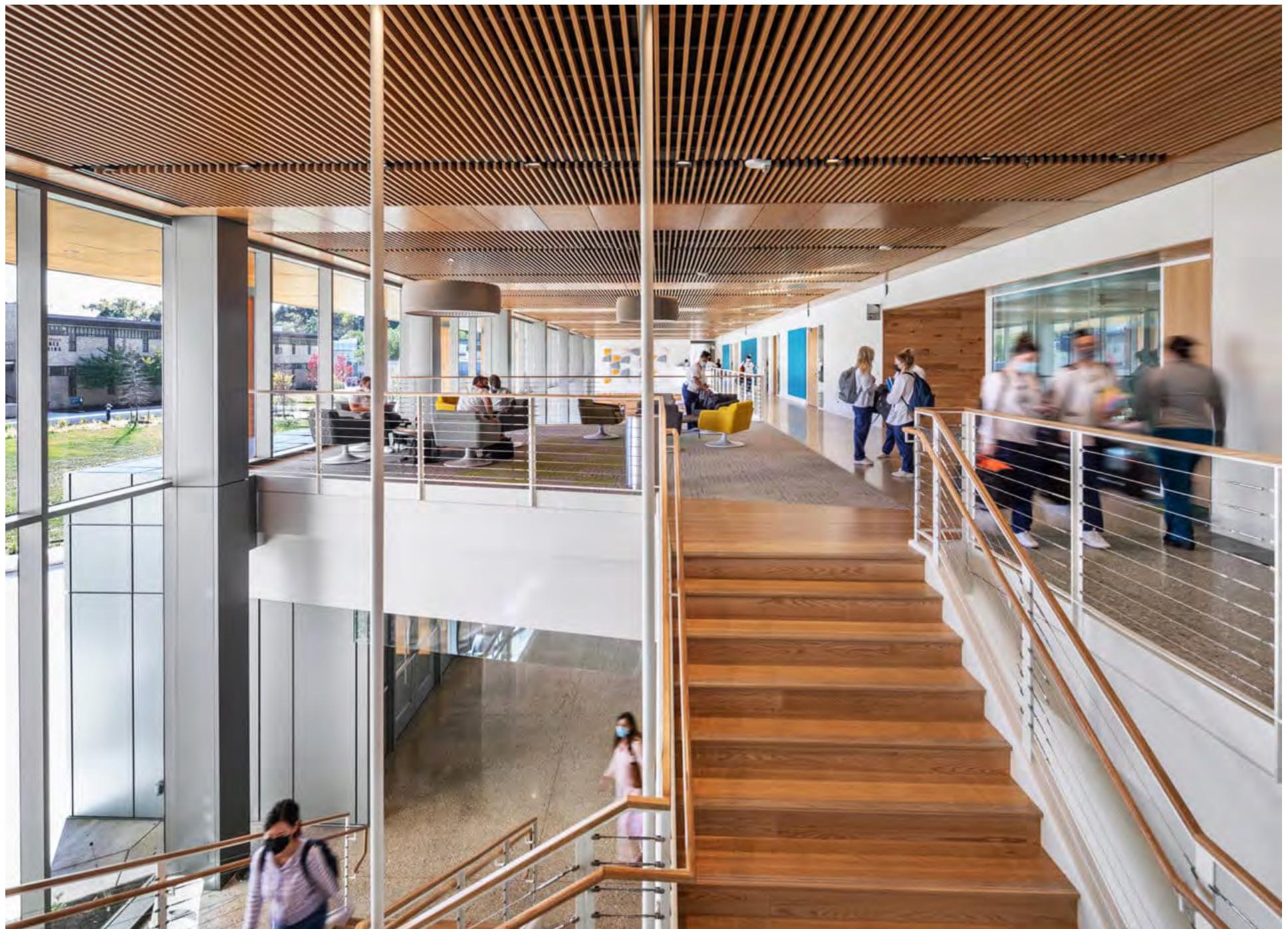
Lively social and study spaces in AACC's new Health and Life Sciences Building

FIVE STEP PROCESS

JMZ's work on the AACC Facilities Master Plan followed five steps: Understand, Evaluate, Analyze, Envision, and Achieve.

The steps address the Maryland Higher Education Commission FMP requirements (Code of Maryland Regulations, section Sec. 13b.07.04.02., Facilities Master Plan) and also respond to the College's unique institutional needs.

DATA SOURCES

The planning team gathered information from a wide array of national, regional, and college data sources to generate the recommemdations in this FMP. An index of those data sources may be found in Appendix C.

UNDERSTAND
Institutional Profile

TASKS

- Review data and documents provided by AACC.
- Meet with AACC leadership to learn about their FMP space-related needs, concerns, and priorities.
- Review projects completed and underway since the 2016 FMP and understand reported additional facilities needs.

REPORT SECTIONS

Institutional Overview
Institutional Data and Evaluation

MHEC FMP REQUIREMENTS

Sec. 13b.07.04.02.C, subsections 2, 3, 4, 5

EVALUATE
Current State

TASKS

- Conduct multiple on-campus stakeholder meetings and online collaborative meetings.
- Review historic enrollment, staff, and faculty data.
- Research local and regional population, economy, and employment trends.
- Conduct a fall 2023 instructional space utilization analysis and office occupancy analysis.
- Review facilities conditions report prepared by an AACC-contracted engineer.
- Review Academic Portfolio and Resources Review (APR), which was being implemented by AACC as this FMP was prepared.
- Collaborate with AACC to update the College's physical space inventory.

REPORT SECTIONS

Instructional Space Utilization
Space Assessment: Historical Factors

MHEC FMP REQUIREMENTS

Sec. 13b.07.04.02.D, subsections 2, 3

ANALYZE
Future Needs

TASKS

- Collaborate with AACC to establish ten-year enrollment projections.
- Translate enrollment projections into student headcount, student credit hours, weekly student contact hours, full-time student equivalent (FTE), and full-time day student equivalent (FTDE).
- Collaborate with AACC to establish ten-year faculty and staff projections.
- Prepare space needs projections.
- Overlay facilities condition information to inform the order and scope of FMP recommendations.

REPORT SECTIONS

Space Assessment: Projections

MHEC FMP REQUIREMENTS

Sec. 13b.07.04.02.D, subsections 2, 3
Sec. 13b.07.04.02.E, applicable sections

ENVISION
Campus Solutions

TASKS

- Prepare multiple concepts and implementation options.
- Conduct in-person and online workshops to select a preferred concept.
- Refine preferred concept.
- Present preferred concept to the AACC Community in two on-campus forums.
- Prepare project narratives describing the impacts of implementation and consequences of non-implementation of recommended projects.

REPORT SECTIONS

FMP Recommendations: Projects

MHEC FMP REQUIREMENTS

Sec. 13b.07.04.02.C, subsection 6
Sec. 13b.07.04.02.E, applicable sections

ACHIEVE
Strategic Vision

TASKS

- Prepare cost estimates for recommended capital projects.
- Identify logistical challenges and swing space needs.
- Prepare a project implementation timeline, noting which projects are required precursors to other projects.

REPORT SECTIONS

FMP Recommendations: Implementation

MHEC FMP REQUIREMENTS

Sec. 13b.07.04.02.C, subsection 6
Sec. 13b.07.04.02.E, applicable sections

SUMMARY OF NEEDS

Anne Arundel Community College (AACC) is a fully accredited public institution offering two-year programs. For over 60 years, AACC has provided outstanding learning opportunities to a diverse community. AACC provides instruction and community enrichment at several locations throughout the county. These include the Main Campus in Arnold, centers at Arundel Mills (AMIL) and Glen Burnie Town Center (GBTC), and the Hotel, Culinary Arts and Tourism Institute (HCAT). Additionally, AACC utilizes non-College facilities such as the Fort Meade Army Education Center and other off-campus sites.

Based on the consultant's data analysis, interviews, research, and on-campus activities, near-term, mid-term, and long-term priorities were established. These priorities guided the decisions and recommendations for shaping AACC's future.

NEAR-TERM PRIORITIES

- Create informal study spaces throughout the campus
- Improve space utilization campus-wide
- Complete projects in-progress: Create Student Services Center (SSVC) on first three floors of Florestano, and Renovate Dragun Science Building

MID-TERM PRIORITIES

- Complete remaining project in-progress: Construct HCAT Addition at Clauson Center for Innovation and Skilled Trades (CCIT)
- Repurpose SSVC, which will be vacant when Florestano opens
- Consolidate Math Department in a single location with updated, modern offices and instructional space
- Improve adjacencies of Student Engagement spaces and create recreation spaces that meet students' needs

LONG-TERM PRIORITIES

- Renovate outdated and unsuitable facilities
- Reduce physical space inventory, where possible, to streamline operations

SPACE UTILIZATION STUDY

Efficient use of instructional space is essential for optimizing space utilization and to ensure appropriate space is available for all the College's academic needs. When structures are taken offline for renovation, their space uses must be accommodated elsewhere. Optimizing instructional space use and office occupancy before relocating departments can minimize the need for swing space.

JMZ conducted a comprehensive analysis of the use of classroom and class lab space at all AACC locations. At the Arnold Campus, many spaces met classroom seat utilization targets (the ratio of students to available stations). However, classrooms were generally not used for as many hours as recommended by the Maryland Higher Education Commission (MHEC).

As a result, the Arnold Campus has sufficient classroom capacity to accommodate projected enrollment growth through 2036, provided more courses are scheduled outside peak hours of 10 AM to 2 PM, Monday through Thursday. Class labs on the Arnold Campus were frequently full during sessions, but many did not meet the state hourly use target.

At GBTC, only one-third of the weekly student credit hour (WSCH) capacity was used in fall 2023. At AMIL, just 12 percent of WSCH capacity was used during the same period. AACC's leadership is exploring options for improving utilization at both locations.

ENROLLMENT PROJECTIONS, ACADEMIC PROGRAMS, AND SPACE NEEDS ASSESSMENT

In fall 2024, the credit student headcount at AACC totaled 11,481. The unduplicated headcount of students enrolled in credit and noncredit courses in fiscal year 2024 was 27,849. Over the next decade, it is anticipated that the credit headcount will increase by five percent to 12,055 in fall 2036, which is roughly equivalent to the headcount in fall 2020.

AACC offers 166 degrees and certificates through five schools to help advance workforce development, career readiness, skills improvement, and transfer to four-year institutions. During the 2024-2025 school year, AACC began a comprehensive Academic Portfolio and Resources Review (APR) to assess the health and vitality of each degree and certificate in the college's academic portfolio. The program array for 2026 and beyond will be determined by the results of the APR. The ultimate goal is to ensure the long-term sustainability of AACC and its academic mission. At the time this FMP was being developed, no new programs were proposed that would require additional space.

Future space needs were calculated using Maryland's capital space guidelines and projections of student and faculty headcount, FTE, FTDE, and WSCH. The enrollment projections developed for this master plan (see page 90) are lower than those generated by the Maryland Higher Education Commission (MHEC). The FMP calculations indicate AACC has a current space surplus of 70,835 net square feet (NSF). By 2036, that surplus is expected to increase to 121,358 NSF, largely due to the construction of an HCAT addition at the CCIT and putting temporarily vacant space back into service (Florestano and CDC space in the Math Building). These projects are reflected in the cost estimate and implementation plan on pages 10 and 11, with brief descriptions starting on page 104. The space surplus is most evident at AMIL and GBTC, facilities with very low instructional space utilization in fall 2023 (instructional space utilization analysis begins on page 40).

FACILITIES MASTER PLAN RECOMMENDATIONS

The following recommendations were developed to respond to existing and projected space needs and ensure the long-term success of the institution. The projects support the College's strategic goals:

- Increase engagement with students, employees, and community
- Increase progress, growth, and connection of students and employees
- Increase student retention and completion

COMPLETE ONGOING PROJECTS

- Create a Student Services Center on the first, second, and third floors of Florestano.
- Renovate the Henry L. Dragun Science Building.
- Construct an addition to the Clauson Center for Innovation and Skilled Trades (CCIT) to house the HCAT program.

OPTIMIZE ADJACENCIES AND REPURPOSE UNDERUTILIZED FACILITIES

- The SSVC will be vacant once Florestano reopens. Renovate the SSVC to create a new Student Engagement Center.
- Consolidate the Math Department in the Careers Building.
- Once vacated, repurpose the Math Building to house a more efficient bookstore, a small cafe, and administrative offices. This will enable demolition of the Resource Management Building, an inefficient modular building at the south edge of Main Campus.
- Utilize vacated first floor space in the Student Union to create updated dining facilities and a new large event space. Provide dedicated student engagement space on the second floor.
- Demolish remaining inefficient Main Campus buildings: Annex A, Annex B, and the Modular Building
- Consider consolidating services at both GBTC and AMIL to improve utilization of space and personnel resources.

ADDRESS FACILITIES CONDITION NEEDS AND IMPROVE ACCESSIBILITY

- Renovate the first floor of the Gymnasium Building for efficiency and accessibility. Provide team locker rooms, gender-neutral locker room facilities, official's locker rooms, an office suite for the Athletics Department, and improve building systems throughout the building.
- Improve accessibility to the athletics fields.
- Continue to upgrade buildings, infrastructure, and technology at all locations to support student success and engagement and staff satisfaction.

RECOMMENDED PROJECTS AND IMPLEMENTATION ORDER

Near-Term Projects		
	N-1	Renovation of the Florestano Floors 1-3 to Create One-Stop Student Services Center
	N-2	Comprehensive Renovation of Dragun Science Building
Mid-Term Projects		
	M-1	HCAT Addition to CCIT
	M-2	SSVC Comprehensive Renovation for Student Engagement
	M-3	Consolidation of Math Department in Careers
Long-Term Projects		
	L-1	Comprehensive Renovation of Math Building
	L-2	Comprehensive Renovation of Student Union Building
	L-3	Renovation of Gymnasium Building's First Floor
	L-4	Removal of Underutilized Buildings
	L-5	Renovation of Vacated HCAT Space in Humanities Building
Independent Projects		
	I-1	Create Informal Study and Meeting Spaces
	I-2	Create Additional Small Group Study Rooms in the Library
	I-3	Improve Accessibility at Athletic Fields
	I-4	New Outdoor Recreation and Dining Opportunities
	I-5	Energize the CALT Atrium

(Capital Projects — Near-Term, Mid-Term, Long-Term; Campus Projects — Independent Projects)

PROJECT LOCATIONS

Athletics Fields
Softball Field
Siegert Field
Baseball Field
Barn
HANK
CSB
Receiving

College Drive
Ring Road

I-3

Footbridge

West Campus Drive
Pedestrian Bridge
Ring Road
West Campus Drive

West Campus

East Campus

I-4
L-3
GYM
HLSB
N-2
I-1
CRSC
SSVC
DRGN
M-2
M-3
LUDL
PLNT
L-2
LBRY
HUM
L-5
SUN
I-2
MATH
PCPA
L-1
JOHN

I-5
I-4
CALT
MLK
I-1
FLRS
N-1
CADE

CCIT
M-1

L-4
ANX A RESM ANX B
ASTR

	Legend
N	Near-Term Projects
M	Mid-Term Projects
L	Long-Term Projects
I	Independent Projects

ESTIMATED PROBABLE COSTS

The estimated costs include projects underway, which were funded by Anne Arundel County prior to this FMP. Recommended capital projects and facilities maintenance projects include escalation to the midpoint of construction. Buildings with recommended comprehensive renovations are excluded from the facilities maintenance projects (listed below, totaling $67,946,000). A building use and condition report can be found in Appendix A. The estimated probable cost of FMP implementation is $247,021,500.

Estimate assumptions: Capital project costs include 1 year of escalation at 5%, with 3.5% per year thereafter. Facilities maintenance projects are escalated at 3.5% for all years. General Contractor's overhead and profit included. 20% design contingency included. Construction Manager At-Risk project delivery.

	Project Midpoint (calendar year)	Design Fees	Construction Cost at Project Midpoint	Furnishings, Fixtures, and Equipment	Total Project Cost
Florestano Renovation	2026	$1,796,000	$19,506,500	$3,268,000	$24,570,500
Dragun Science Building Renovation	2027	$5,242,000	$45,838,000	$6,484,000	$57,564,000
HCAT Addition to Clauson Center	2029	$798,000	$10,677,000	$1,494,000	$12,969,000
Projects Underway					**$95,103,500**
SSVC Comprehensive Renovation for Student Engagement	2030	$1,574,000	$13,110,000	$1,508,000	$16,192,000
Careers Building: Renovation for Consolidation of Math Department	2030	$366,000	$3,048,000	$351,000	$3,765,000
Comprehensive Renovation of Math Building	2032	$899,000	$7,489,000	$862,000	$9,250,000
Comprehensive Renovation of Student Union	2034	$3,515,000	$29,288,000	$3,369,000	$36,172,000
Gym: Renovation of 1st Floor plus Facilities Maintenance	2036	$1,594,000	$13,281,000	$1,528,000	$16,403,000
Remove Underutilized Modular Buildings (Annex A, Annex B, RESM, MOD)	2034		Allowance		$2,190,000
Long-Range Project: Renovate vacated HCAT space in Humanities	2037	$302,000	$2,151,000	$264,000	(not included)
Recommended Capital Projects					**$83,972,000**
	2026	$237,470	$11,308,109		$11,546,000
	2027	$257,205	$12,247,863		$12,506,000
	2028	$105,862	$5,041,043		$5,147,000
	2029	$197,418	$9,400,870		$9,599,000
	2030	$105,244	$5,011,626		$5,117,000
	2031	$28,926	$1,377,408		$1,407,000
	2032	$73,282	$3,489,603		$3,563,000
	2033	$103,926	$4,948,845		$5,053,000
	2034	$222,404	$10,590,675		$10,814,000
	2035	$12,183	$580,151		$593,000
	2036	$53,478	$2,546,589		$2,601,000
Facilities Maintenance Projects					**$67,946,000**
Total Facilities Master Plan Project Costs					**$247,021,500**

IMPLEMENTATION PLAN

	Calendar Year											
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	'37
	Fiscal Year											
	'26	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Florestano Renovation												
Dragun Science Building Renovation												
HCAT Addition to Clauson Center												
Projects Underway												
SSVC Comprehensive Renovation for Student Engagement												
Careers Building: Renovation for Consolidation of Math Department												
Comprehensive Renovation of Math Building												
Comprehensive Renovation of Student Union												
Gym: Renovation of 1st Floor plus Facilities Maintenance												
Remove Underutilized Modular Buildings (Annex A, Annex B, RESM, MOD)												
Long-Range Project: Renovate vacated HCAT space in Humanities												
Recommended Capital Projects												

Facilities Maintenance Projects (by year):

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
2026												
2027												
2028												
2029												
2030												
2031												
2032												
2033												
2034												
2035												
2036												
Facilities Maintenance Projects												

Legend:
- Submit program
- Design
- Construction
- FF&E/Move In
- Facilities Maintenance Projects
- Enabling/Sequential Project

02.   INSTITUTIONAL OVERVIEW

This Facilities Master plan recommends capital projects and independent projects that support AACC's vision and mission, as well as the College's strategic goals and objectives.

COLLEGE MISSION

With learning as its central mission, Anne Arundel Community College responds to the needs of our diverse community by offering high quality, affordable, accessible and innovative lifelong learning opportunities.

VISION

Anne Arundel Community College is a premier learning community that transforms lives to create an engaged and inclusive society.

VALUES

- Community and Relationships
- Equity and Inclusion
- Innovation and Creativity
- Opportunity
- Positivity

PHILOSOPHY

Anne Arundel Community College strives to embody the basic convictions of our country's democratic ideal: that individuals be given full opportunity to discover and develop their talents and interests; to pursue their unique potentials; and to achieve an intellectually, culturally and economically satisfying relationship with society.

STRATEGIC PLAN FY2026 - FY2030

AACC FORWARD 2030

GOALS

Community and Relationships
Be a vibrant Resource for the Community

Equity and Inclusion
Provide Access for All

Innovation and Creativity
Ensure Academic Excellence

Opportunity
Drive Economic and Social Mobility

Positivity
Foster a Student-Centered Culture.

OBJECTIVES

Nurture the college's impact in the community through mutually beneficial connections.

Cultivate a culture where all feel welcomed, valued and supported so they may continually grow and succeed, All students feel empowered with a sense of belonging and agency while accessing affordable, high-quality higher education.

Provide innovative, rigorous and evidence-based teaching, collaborative and flexible learning opportunities, holistic student support services and collegewide resources that empower students to achieve their goals.

Student learning experiences are aligned to create education-to-workplace pathways that address community needs and enhance opportunities for financial growth and career advancement.

Provide holistic support for students, ensuring their academic, personal and professional growth through engaging activities and experiences.

ORGANIZATIONAL CHART

**Anne Arundel Community College
Board of Trustees**

President

Diversity, Equity & Inclusion
Chief Compliance & Fair Practices Officer/Title IX Coordinator
General Counsel
Institutional Advancement & AACC Foundation
▫ Sponsored Programs
President's Office

Vice President for Information and Instructional Technology

- Dean, IDEA Lab
- Director, eLearning & Instructional Technology
- Director, Enterprise Applications Services
- Director, Information Security
- Director, Infrastructure Services
- Director, Technology Support Services

Provost/Vice President for Learning

- Associate Vice President for Learning and Academic Affairs
- Dean, Business & Law
- Dean, Health Sciences
- Dean, Science, Technology & Education
- Associate Vice President for Continuous Improvement & Data Analytics
- Dean, Continuing Education & Workforce Development
- Dean, Liberal Arts

Vice President for Learner Support Services

- Dean, Enrollment Services
- Dean, Student Development
- Dean, Student Success

Vice President for Learning Resources Management

- Associate Vice President for Learning Resources Management
- Executive Director, Administrative Services
- Executive Director, Human Resources
- Chief of Police & Director, Public Safety
- Executive Director, Strategic Communications

ACADEMIC PROGRAMS

SCHOOLS OF STUDY AND DEPARTMENTS

Business and Law

Business Administration	Entrepreneurial Studies Institute
Business Management	Homeland Security & Criminal Justice
Economics	Legal Studies Institute

Continuing Education and Workforce Development

Apprenticeship & Applied Learning	Lifelong Learning
Correctional & Continuing Education	Continuing Education Success Coaches
Hotel, Culinary Arts & Tourism Institute	Corporate Training

Health Sciences

Dental Hygiene	Medical Coding
Emergency Medical Services	Medical Laboratory Technician & Phlebotomy
Health, Fitness & Exercise Studies	Nursing
Histotechnician	Physical Therapist Assistant
Human Services	Public Health
Massage Therapy	Radiologic Technology
Medical Assisting	Surgical Technology

Liberal Arts

Academic Literacies	Performing Arts
Achieving College & Career Advancement	Psychology
Communications & Journalism	Sociology, Anthropology & Geography
English	Transfer Studies
History, Political Science & Philosophy	Visual Arts & Humanities
Interdisciplinary Studies	World Languages
Mathematics	

Science, Technology and Education

Architecture & Interior Design	Cybersecurity, Networking & Digital Forensics
Biology	Engineering
Computer Information Sciences	Physical Science
Computer Science	Teacher Education & Child Care Institute

ASSOCIATE OF ARTS (A.A.)

American Sign Language	Law and Jurisprudence
Cinematic Arts	Music
Communications	Teacher Education
Creative Writing	Transfer Studies
Dance	Art History and Museum Studies
English	Game Art and Design
Gender and Sexuality Studies	Graphic and Web Design
Liberal Arts	Photography
Psychology	Studio Arts
Theater	

ASSOCIATE OF SCIENCE (A.S.)

Astronomy	Cloud Computing
Chemistry	Computer Science
Earth Science	Data Science
Environmental Science	Information Systems
General Biology	Engineering
Nursing	Kinesiology
Nutrition	Management Information
Physics	System
Plant Science	Mathematics
Premedical Professional	Nursing
Business Administration	Public Health

ASSOCIATE OF ARTS IN TEACHING (A.A.T.)

Early Childhood Education/Early Childhood Special Education
Elementary Education/Elementary Special Education

ASSOCIATE OF SCIENCE IN ENGINEERING (A.S.E.)

Electrical Engineering

ASSOCIATE OF APPLIED SCIENCE (A.A.S.)

Addiction Counseling
Architecture and Interior Design
Architecture and Interior Design - Landscape Design
Business Management - Advertising/Marketing
Business Management - Business Communications
Business Management - Healthcare Professionals
Business Management - Human Resources
Business Management - Leadership
Business Management - Office Management
Business Management - Small Business Management
Business Management - Supply Chain Management
Computer Information Systems - Information Systems Technology
Construction Management
Cybercrime
Database Management Systems - Database Administration
Database Management Systems - Database Development
Dental Hygiene
Early Childhood Development
Electronics Engineering Technology
Emergency Medical Services - Paramedic
Entrepreneurship
Forensic Studies - Forensic Police Science
Forensic Studies - Forensic Scientist
Histotechnician

Homeland Security Management
Homeland Security Management - Intelligence Analytics
Homeland Security Management - Transportation and Border Security
Hotel/Restaurant Management - Culinary Arts, Baking & Pastry, Hospitality Mgmt
Human Services
Information Assurance and Cybersecurity
Juvenile Justice
Law Enforcement and Criminal Justice
Law Enforcement and Criminal Justice - Police Academy
Law Enforcement and Criminal Justice - Social Justice
Massage Therapy
Mechatronics Engineering Technology
Medical Assisting
Medical Laboratory Technician
Paralegal Studies
Physical Therapist Assistant
Radiologic Technology
Skilled Professional Trades Management
Surgical Technology
Visual Arts Professional - Game Development
Visual Arts Professional - Graphic Design
Visual Arts Professional - Media Production
Visual Arts Professional - Web Design
Web and Mobile Application Development

CERTIFICATES

Addiction Counseling
Advanced Digital Forensics
Advanced Network Security
Architecture and Interior Design - Advanced Interior Design
Architecture and Interior Design - Architectural CAD
Architecture and Interior Design - Architectural Illustration
Architecture and Interior Design - Construction Management
Architecture and Interior Design - Construction Management Entrepreneurship
Architecture and Interior Design - Interior Design
Architecture and Interior Design - Landscape Design
Baking and Pastry Arts
Business Management - Advertising/Marketing
Business Management - Business Communications
Business Management - Healthcare Professionals
Business Management - Human Resources
Business Management - Leadership
Business Management - Office Management
Business Management - Small Business Management
Business Management - Supply Chain Management
Cisco Certified Network Associate
Cisco Certified Network Professional
Cloud Computing
Computer Information Systems - Database Administration
Computer Information Systems - Microsoft Office Specialist
Computer Information Systems - Personal Computer Specialist, Help Desk Specialist
Computer Information Systems - Scientific Programming Option
Computer Network Management - UNIX/LINUX System Administrator
Computer Science - Database Development
Culinary Arts
Cyber Technology
Cybercrime
Data Literacy
Digital Forensics
Digital Marketing
Ecosystem Restoration
Electrocardiogram and Intravenous Therapy Technician
Electronics Technology
Emergency Medical Services - Paramedic

Emergency Medical Technician
Entrepreneurship
Entrepreneurship for Licensed Professionals
Event Planning and Catering
Financial Accounting
Full-Stack Web Development
Fundamentals of Cooking and Baking Option
Game Development
Gender and Sexuality Studies
Graphic Design
Health Sciences
Hospitality Management
Human Services
Information Technology Service Management
Intelligence Analytics
Law Enforcement and Criminal Justice
Law Enforcement and Criminal Justice - Police Academy
Life and Engagement Coach
Management Information Systems
Massage Therapy
Mechatronics Technology
Media Production
Medical Assisting
Medical Coding
Medical Laboratory Assistant
Network Security
Paralegal Studies
Personal Trainer
Photography
Practical Nursing
Production Design
Professional Bookkeeper
Retail Management
Server Administration and Security
Software Quality Assurance Analyst
Spanish
Transportation, Logistics, and Cargo Security
Web Design

03. INSTITUTIONAL DATA AND EVALUATION

CAMPUS LOCATIONS

AACC has four locations, its Main Campus in Arnold, Maryland, and three additional satellite locations: the Glen Burnie Town Center, the Hotel, Culinary Arts and Tourism Institute (HCAT), and the Arundel Mills facility at the Arundel Mills Mall. Courses are also offered at non-college facilities at Fort Meade Army Education Center and in public schools.

ARNOLD CAMPUS

The Arnold, Maryland Main Campus consists of 230 acres in the center of Anne Arundel County. On the Broadneck Peninsula, Arnold is 18 miles south of Baltimore and eight miles north of Annapolis.

Main Campus is home to AACC's specialized facilities:

- The Pascal Performing Arts Center
- Purpose-built instructional labs for Skilled Trades, Health Sciences, Biological Sciences, Physical Sciences, Computer Science, Technology, Art, and Music
- Math Lab and tutoring facilities
- Business and Law facilities, including a Law Library and Forensic Science facilities
- General Use Classrooms, some of which include active learning furnishings and/or distance learning equipment
- Indoor and outdoor athletics and recreation facilities

ARUNDEL MILLS

Arundel Mills is designated as a Maryland Regional Higher Education Center and contains space dedicated to Frostburg State University. The building houses a Casino Training Lab to support the Live! Casino at Arundel Mills. The location also has a student services satellite office.

The building contains classrooms, science labs, testing facilities, open computer labs, faculty offices, and a lecture hall.

Main Campus, Arnold, MD

Glen Burnie Town Center

Arundel Mills

Hotel, Culinary Arts, and Tourism Institute
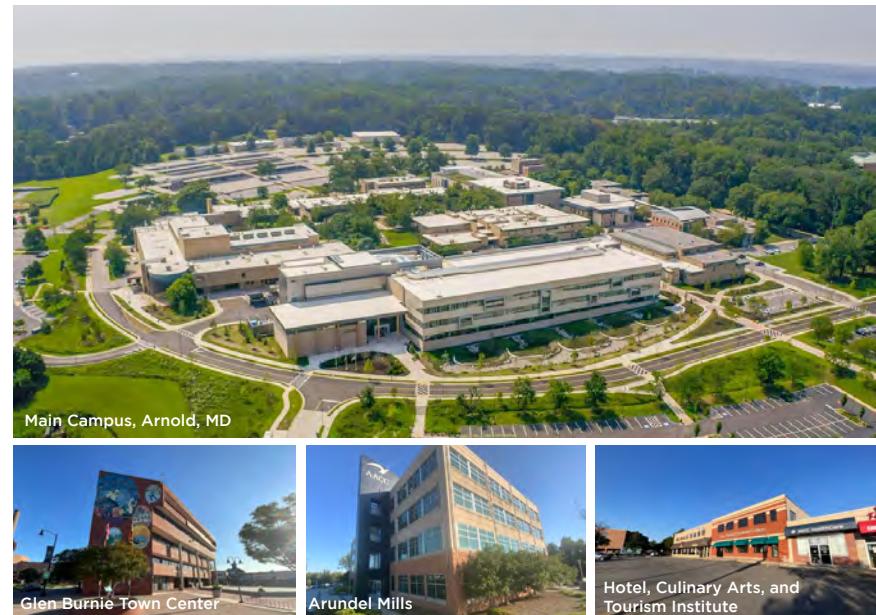
GLEN BURNIE TOWN CENTER

The Glen Burnie Town Center houses classrooms, a chemistry lab and a physical sciences lab, skills labs for health sciences training, computer facilities, offices, and a student services satellite office.

HOTEL, CULINARY ARTS, AND TOURISM INSTITUTE (HCAT)

HCAT houses training labs and a commercial kitchen. AACC will relocate HCAT facilities to the Arnold Campus upon completion of an addition to the Clauson Center for Innovation and Skilled Trades.

MARYLAND COUNTIES, ANNE ARUNDEL COUNTY POPULATION DENSITY, AND AACC LOCATIONS
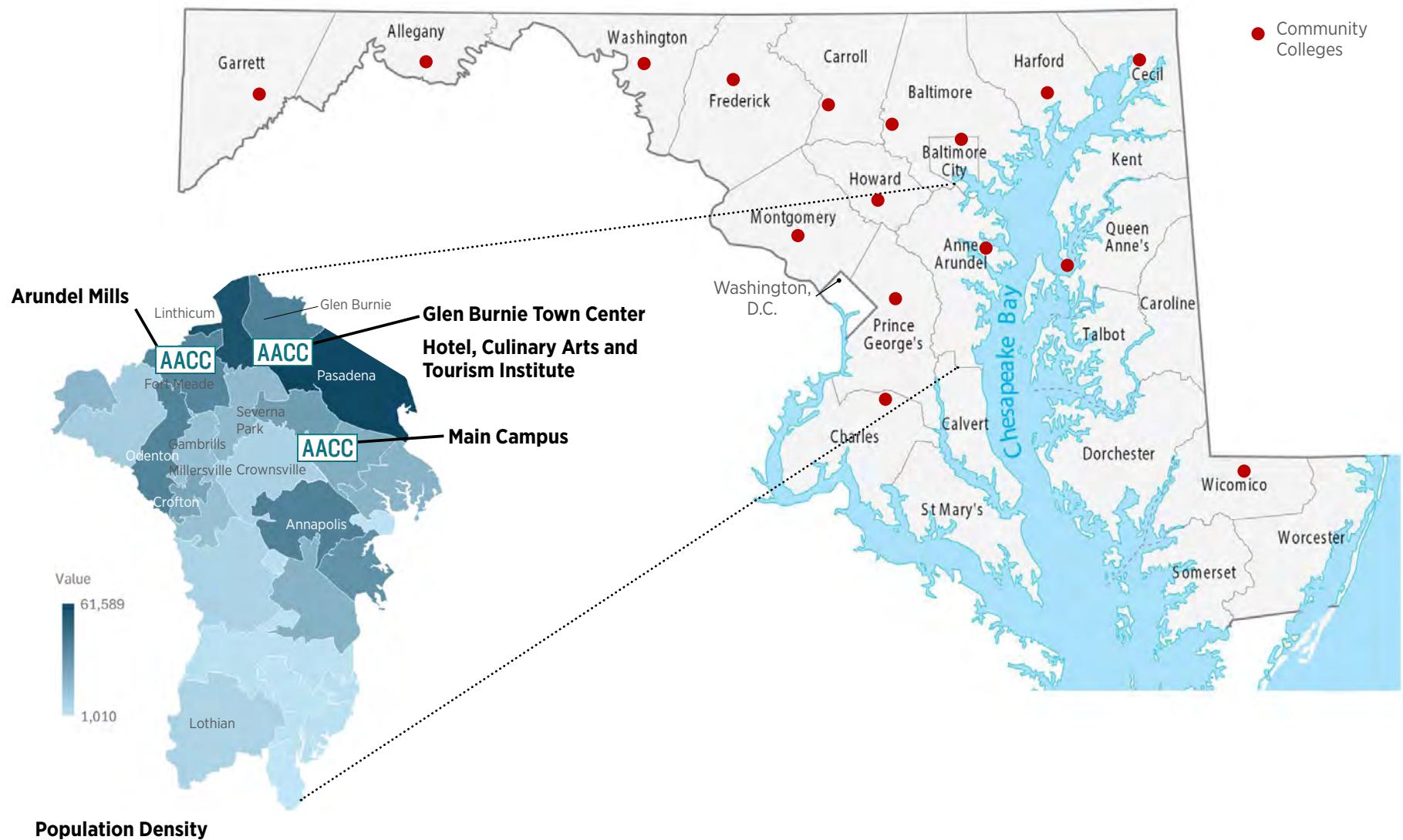
AACC HISTORY

The 2016 Facilities Master Plan included a timeline describing the growth of AACC from its start in the Severna Park High School in 1961 through 2007.

Since President Dr. Dawn Lindsay joined AACC in 2012, multiple facilities initiatives have changed the locations. A new mascot enlivens sporting events and campus culture. Remote work and distance learning have become regular practice for some employee types and course offerings. AACC began offering instruction in skilled trades at the Clauson Center in 2022.

Building renovations and additions are in planning stages to provide modern space for the sciences, the Hotel, Culinary Arts, and Tourism Institute, student services, and student engagement.

AACC'S GROWTH TIMELINE
1961 to the Present

1961
- The County Board of Education established Anne Arundel Community College on January 2, 1961.
- In September of 1961, the College opened for 270 students, 4 full-time, and 26 part-time faculty members in temporary quarters at Severna Park High School.

1967
- Dr. Andrew G. Truxal became the College's first president until his retirement on August 1, 1968.
- The College moved to its own campus in Arnold, Maryland in September 1967 and by April 1968 it was awarded full accreditation by the Middle State Association of Colleges and Secondary Schools (now Middle States Commission on Higher Education).

1968
- Dr. Robert P. Ludlum became the second president and oversaw the initial expansion of the Arnold Campus. He retired on June 30, 1976.

1976
- Dr. Justus D. Sundermann became AACC's third president and served July 1, 1976 to June 30, 1979.

1979
- On July 1, 1979, Dr. Thomas E. Florestano became the fourth president until his retirement June 30, 1994. During his tenure, the campus grew its enrollment, academic programs, and services, and expanded in size to 230 acres.

1994
- Dr. Martha A. Smith became the College's fifth president on August 1, 1994.
- AACC's accreditation was reaffirmed by the Middle States Commission on Higher Education.

2004
- AACC's accreditation was reaffirmed by the Middle States Commission on Higher Education.
- The College was named a Board College for the League for Innovation in the Community College.

2007
- In 2007, AACC received the American Association of Webmasters Gold Award (also received in 2005) and World Wide Web Silver Award recognizing outstanding web design, content, creativity, and ease of navigation.

2009
- AACC named one of the Top Ten Community Colleges with Foremost Use of Digital Technology.

2011
- AACC celebrates its 50 year anniversary.

2012
- AACC welcomes President Dr. Dawn Lindsay. In her inauguration speech, she outlined four components of successful innovation:
We must ensure that our programs are sustainable over time; that we are accountable to our stakeholders for the decisions we make; that we deliver value; and, that we remain true to our mission with our commitment to learning at its core.

2014	• Swoop the Riverhawk swept in to replace AACC's Patriot mascot • AACC's accreditation was reaffirmed by the Middle States Commission on Higher Education (MSCHE).
2016	• AACC adopts the 2016 Facilities Master Plan, which recommended five Main Campus renovations, retiring three aging structures, and constructing a new facility for Health Sciences and Biology.
2020	• Like institutions worldwide, AACC shifted to deliver 92% of instruction online during the COVID 19 pandemic.
2021	• The new Health and Life Sciences Building opens, fulfilling a project recommendation from the 2016 Facilities Master Plan and creating new labs, classrooms, study and social space, and a Chick-Fil-A.
2022	• The Clauson Center for Innovation and Skilled Trades opens its doors to the first class of students. The new facility supports hands-on training helping to meet regional workforce needs and expand AACC's technical education offerings.
2023	• Florestano Building renovations start with creation of a Learning Innovation Center on the fourth floor. • AACC's accreditation was reaffirmed by the Middle States Commission on Higher Education (MSCHE).

Upcoming Projects

New Hotel Culinary Arts and Tourism Institute addition to the Clauson Center

Florestano Renovation, floors 1 through 3 become a One Stop Student Services Center

Dragun Science Building Renovation

On the boards: Conversion of the Student Services Center to student engagement space (program will be submitted to MHEC in 2026)

MAIN CAMPUS PHYSICAL CHARACTERISTICS

The site plans on this page and the following pages provide a comprehensive overview of the Arnold, MD Main Campus, highlighting academic and administrative buildings, utility infrastructure, pedestrian pathways, and public transit connections. They illustrate the campus's spatial organization and circulation networks.

Comparing the 2015 site plan (this page) to the 2024 site plan (facing page) shows the impacts of AACC's strategic capital improvements over the past decade.

- Removal of two underperforming buildings (POOL and SCHZ) and construction of the Health and Life Sciences Building (HLSB)
- Rerouting of the Ring Road and creation of one-way sections to improve pedestrian safety and encourage multimodal transportation
- Construction of the Clauson Center for Innovation and Skilled Trades (CCIT)
- Relocation of a temporary modular building to the south edge of campus
- Improved parking and access to athletic fields

Challenging topography limits areas for future construction on Main Campus, but there are opportunities along the south edge of the Ring Road. The Johnson Building is a candidate for comprehensive renovation after this FMP is complete. Its site could be home to an addition or new construction to meet long-range needs.

2015 SITE PLAN

- Wooded Area
- Cleared Area
- AACC Quads
- Athletics

EAST CAMPUS KEY

ANX A - Annex A Classrooms
ANX B - Annex B Classrooms
ASTR - Astronomy Lab
CRSC - Career Center
CSB - Central Services Building
CCIT - Clauson Center for Innovation and Skilled Trades (new)
DRGN - Dragun Science Building
GYM - Jenkins Gymnasium
HLSB - Health and Life Sciences Building (new)
HUM - Humanities Building

HANK - Henry "Hank" Libby Building (ICOX)
JOHN - Johnson Building
LBRY - Truxal Library
LUDL - Ludlum Hall
MATH - Math Building
PCPA - Pascal Center for Performing Arts
PLNT - Physical Plant
POOL - Pool (demolished)
RESM - Resource Management Building
SSVC - Student Services Center
SUN - Student Union
SCHZ - Schwartz (demolished)
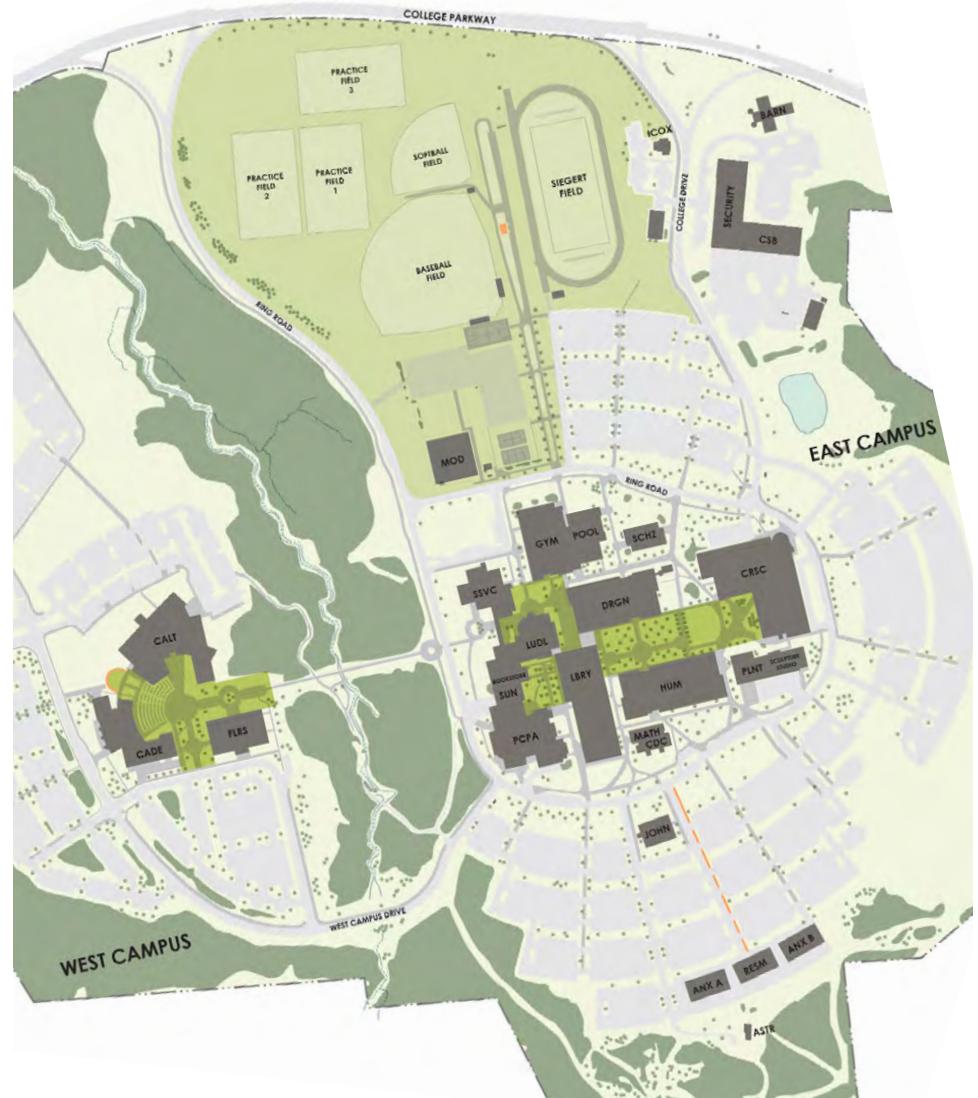
WEST CAMPUS KEY

CADE - Cade Center for Fine Arts
CALT - Center for Applied Learning & Technology
FLRS - Florestano Building
MLK - Dr. Martin Luther King Jr. Memorial
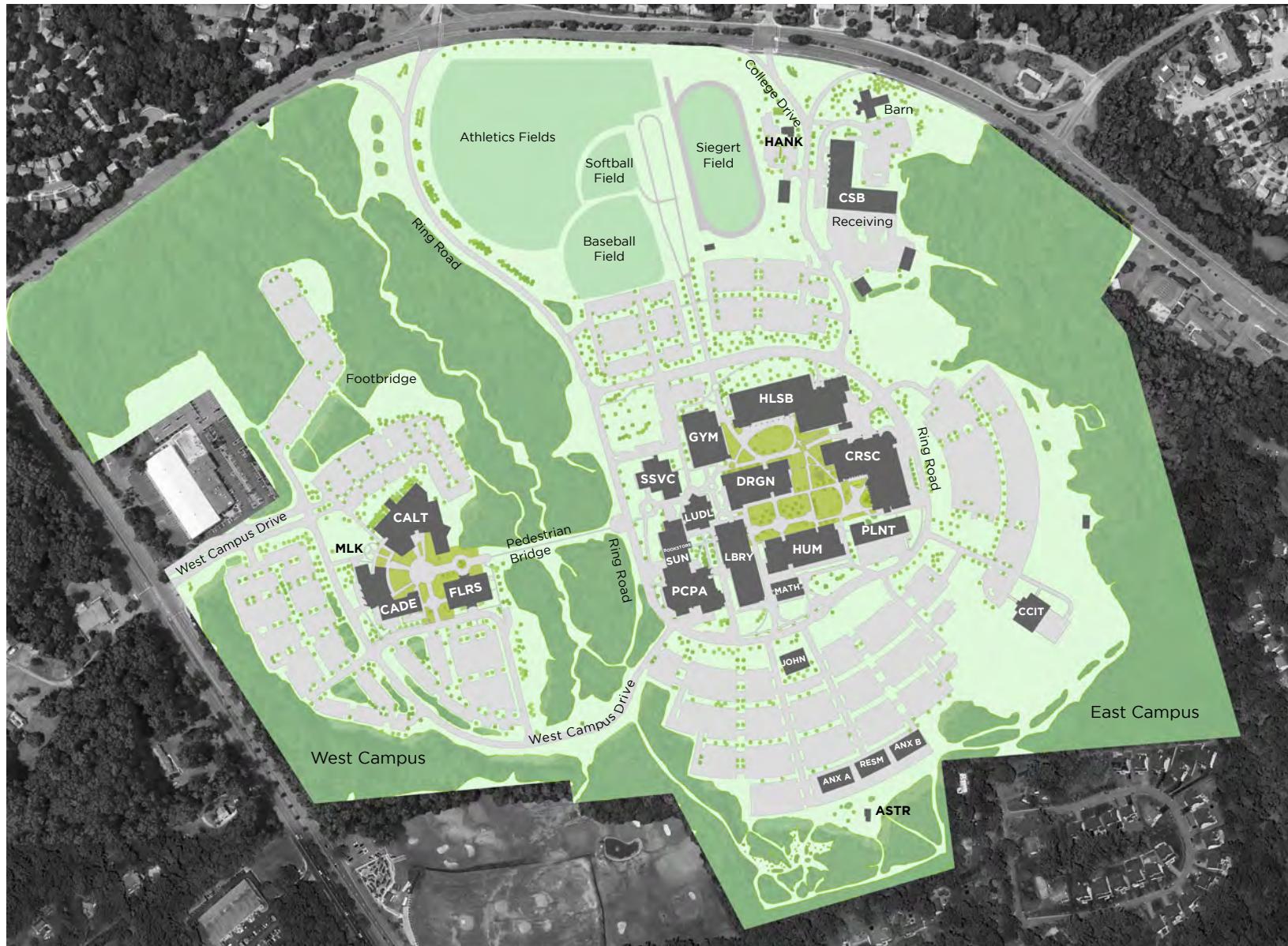
2024 SITE PLAN

The new HLSB is a hub of activity, housing instructional spaces, skills labs, offices for Health Sciences and Biology, and a Chick-fil-A restaurant. Its abundant study and collaboration space attracts students from all AACC programs, making the building a busy all-day destination. Since HLSB opened, the heart of campus has shifted to the north, indicated by the bright green color of the eastern AACC Quad.

Wooded Area
Cleared Area
AACC Quads
Athletics

WET UTILITIES

The site plan above details the layout of water, storm drain, sanitary, and gas lines across the campus that support essential infrastructure for campus operations. College Drive is a major corridor for water and gas supply, leading to the Ring Road and the Physical Plant Building on East Campus.

Legend:
- Water
- Storm Water
- Sanitary
- Gas

Map labels:

College Drive
Barn
Practice Fields
Siegert Field
HANK
Softball Field
CSB
Receiving
Baseball Field
Ring Road
Footbridge
HLSB
GYM
CRSC
Ring Road
SSVC
DRGN
CALT
LUDL
PLNT
West Campus Drive
MLK
Pedestrian Bridge
Ring Road
SUN
LBRY
HUM
PCPA
MATH
CADE
FLRS
JOHN
CCIT
West Campus Drive
East Campus
West Campus
ANX A
RESM
ANX B
ASTR

Legend:
Electric
Cable TV
Telephone
Fiber Optic
Ground
Light Pole

DRY UTILITIES

This site plan illustrates the distribution of electric, cable TV, telephone, and fiber optic lines throughout the campus that provide connectivity and essential services for academic and administrative functions. Underground duct banks connect many East Campus buildings, while the bridge and West Campus Drive connect to West Campus. An ongoing, comprehensive update of AACC's IT infrastructure is planned to be completed by 2030.

Practice Fields

Softball Field

Siegert Field

College Drive

Barn

HANK 38

103

CSB Receiving

Ring Road

Baseball Field

D 309

44

M 203

H 272

Footbridge

G 287

20

HLSB

13

GYM

CRSC

22

C 629

SSVC

DRGN

CALT

LUDL

MLK

PLNT

11

Pedestrian Bridge

Ring Road

SUN

LBRY

HUM

30

CADE

FLRS

PCPA

MATH

CCIT

F 460

West Campus Drive

E 236

JOHN

4

B 585

A 645

West Campus Drive

ANX A

RESM

ANX B

West Campus

East Campus

ASTR

TRANSPORTATION CONNECTIVITY

Bus Stop

High Pedestrian-Vehicle Activity Area

A, B, C   Parking Lot Indicator
and Space Count (some lots have count only)

Pedestrian Pathway - Connected

Pedestrian Pathway - Disconnected

Broadneck Peninsula Trail

The transportation connectivity plan on the facing page highlights pedestrian pathways, designated bus stops, parking lots, trails, and areas of high pedestrian and vehicle activity.

Red lines indicate pedestrian pathways. When a red pathway appears dashed, it indicates an area of discontinuity where vehicle traffic crosses the walk. Areas of high pedestrian and vehicle activity could pose challenges, particularly near bus stops, walks from parking lots, and key intersections.

Public transit access to the Arnold campus is supported by two bus services and five designated bus stops, while AACC at Arundel Mills benefits from five transit lines. Additionally, the Glen Burnie Town Center and the HCAT Institute are served by five bus lines, reinforcing connectivity across AACC's locations.

To further support multimodal transportation, the College provides access to a real-time transit navigation app, offering arrival information for buses, trains, and subways, as well as alternative transit options such as bikeshare and ride-hailing services. The Broadneck Peninsula Trail enters Campus at its northern entrances. Portions of the Ring Road have been made one-way, enabling the vacated lane to be used for walking and biking.

Campus topography (right) is comprised of natural ravines and a general slope downward from south to north. Areas where topography could pose challenges to pedestrians are marked with yellow dots. Elevators in buildings create accessible routes campuswide, but the path is not necessarily intuitive in these locations.

Between Dragun and Library

Looking west from CRSC

TOPOGRAPHY

Less Steep   Very Steep
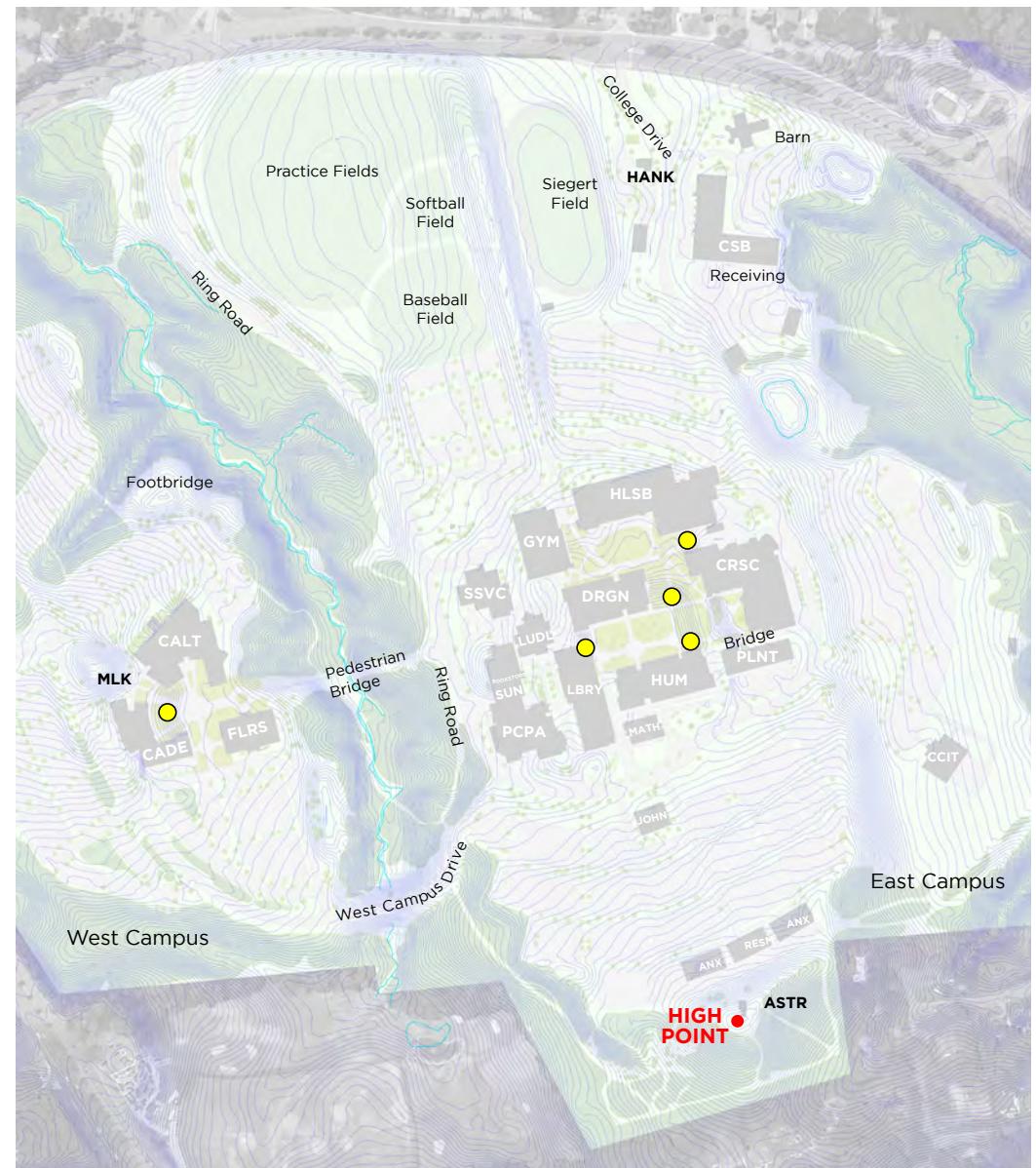
⬤ Area where topography interrupts intuitive accessible routes
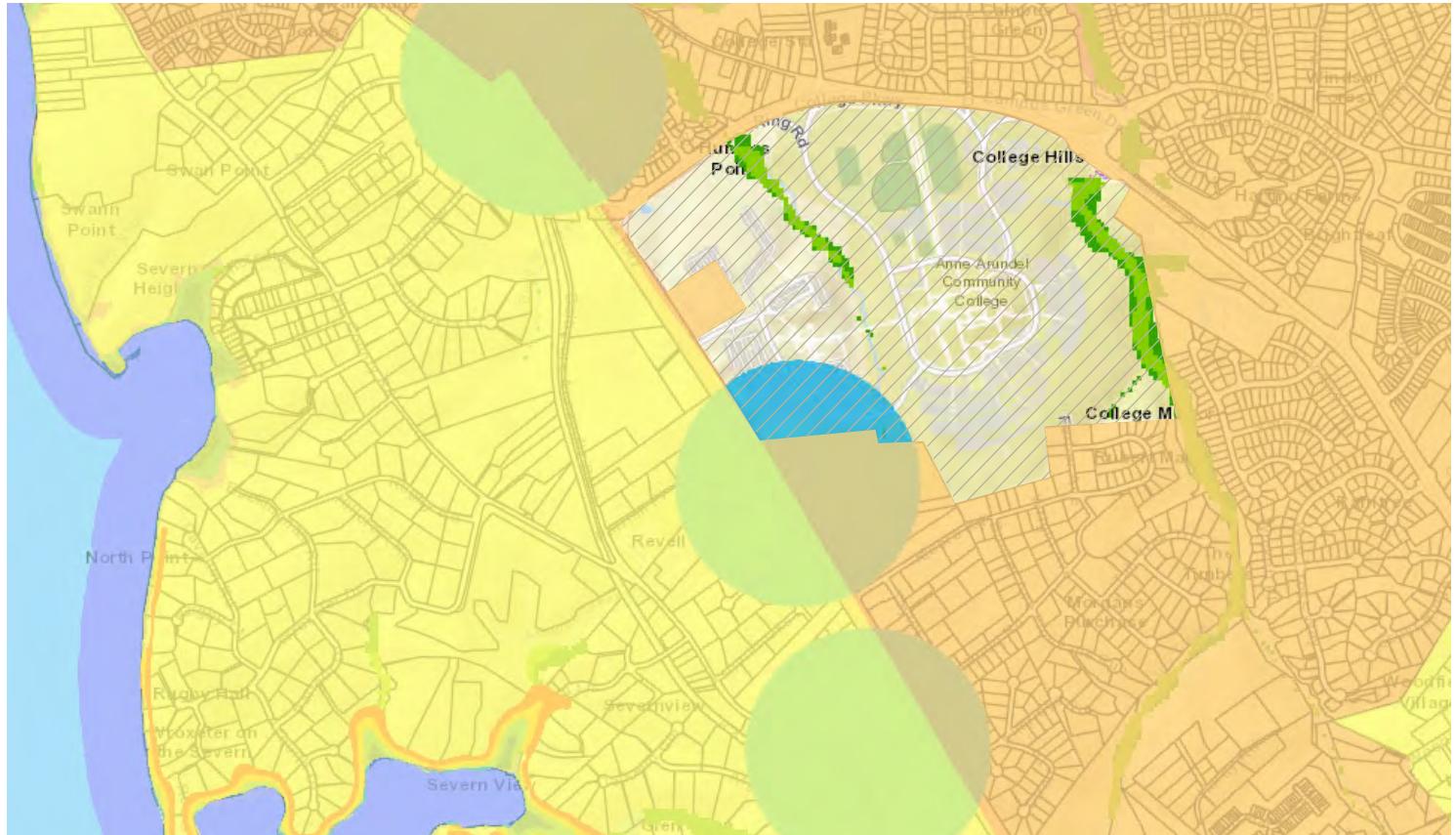
**MARYLAND DEPARTMENT OF PLANNING GROWTH AND CONSERVATION; LOCAL AND STATE
TARGETED GROWTH AND CONSERVATION AREAS**

Four designations are applied to the AACC site on the Maryland Department of Planning Growth and Conservation Map:

• Established Community ▢ : The site is part of a developed suburban area with fully built-out infrastructure. Maryland Department of Planning guidelines for projects in this zone include:

 - Provide diverse, stable places in which residents and businesses continue to live, work and play and support the stability of property values.

 - Maintain the quality of life, and social and economic function, and protect the character of existing residential and commercial neighborhoods.

 - Maintain public facilities and services.

 - Support the infrastructure and service needs of the community, addressing existing deficiencies, without expanding public facilities and service capacities that encourage significant new growth.

 - Promote sustainability enhancements where possible.

• Septic Growth Tier 2A ▨ : The property is in an area planned to be served by public sewer, but not all properties are currently served.

• Portions of the site designated as zones reserved for Maryland Wetland Adaptation to Sea Level Rise. These areas ▣ contribute to the inland buffering capacity to mitigate flooding.

• Blue areas ▢ are within a water resource and well head protection area, a zone surrounding drinking water sources in which contaminants could infiltrate the water supply.

ANNE ARUNDEL COUNTY PLAN 2040

Anne Arundel County uses Plan 2040 (adopted May 3, 2021) to:

• Provide a framework and common goals for all County plans
• Guide policy decisions
• Inform changes to County regulations
• Inform the County's resource and budgeting decisions
• Evaluate and measure progress toward achieving Countywide goals

Implementation Plan Matrix
Planning for Healthy Communities

Goals, Policies, & Strategies

Goal HC3: All County residents will have access to high-quality, lifelong learning opportunities that transform lives to ensure an engaged and inclusive society.

Policy HC3.1: Ensure that Anne Arundel Community College (AACC) remains a premier learning community for all ages and contributes to the ongoing health and economic vitality of the County.

a. Utilize sustainable building principles to support an engaging learning environment.

b. Ensure buildings and grounds convey an inviting and welcoming place that nurtures a sense of community for students, employees and County residents.

c. Address immediate and ongoing needs for additional flexible learning spaces, especially labs in health and life sciences, to meet the County's continual need for highly-trained health professionals.

d. Deploy information technology enhancements to address needs for state-of-the-industry instruction and student support services that provide greater access to higher education and training, and realize administrative efficiencies.

e. Support the AACC's ongoing commitment to equity and inclusion; and closing the equity gap by addressing transportation, financial and other challenges faced by low-income and underserved residents through public and private collaboration.

Implementation Plan Matrix
Planning for a Healthy Economy

Goals, Policies, & Strategies

a. Partner with Anne Arundel Workforce Development Corporation (AAWDC) and Anne Arundel Community College as well as State and regional partners to address the workforce development needs of the existing business community and to provide training programs in the field of science, technology, aerospace/defense and other areas to address global market needs.

b. Work with local employers to provide job training and readiness programs as well as support services such as childcare and transportation to ensure residents can take advantage of employment opportunities in the County.

c. Continue to provide business financing assistance through the Anne Arundel Economic Development Corporation (AAEDC), Maryland Department of Commerce, and Department of Housing and Community Development.

d. Integrate public and private resources to promote business growth and expansion in the County.

e. Design culturally appropriate workforce development programs that are accessible and effectively engage diverse populations.

FACILITIES-RELATED GOALS

Utilize sustainable building principles to support an engaging learning environment.

Ensure buildings and grounds convey an inviting and welcoming place that nurtures a sense of community for students, employees and County residents.

Deploy information technology enhancements to address needs for ...instruction and student support services that provide greater access to higher education and training, and realize administrative efficiencies.

GOALS WITH FACILITIES IMPLICATIONS

Provide training programs in the fields of science, technology, aerospace/defense and other areas to address global market needs.

Provide job training and readiness programs to ensure residents can take advantage of employment opportunities in the County.

Design workforce development programs that are accessible and effectively engage diverse populations

FACILITIES CONDITION INDEX (FCI)

The Facilities Condition Index (FCI) is a cost factor comprised of the cost of required building repairs divided by the cost of building replacement. The lower the factor, the better condition of the building. FCI factors were calculated for facilities maintenance required between 2024 and 2031.

On average, AACC's facilities have an FCI of 14 percent. Main Campus buildings have an average FCI of 13 percent; the two facilities in Glen Burnie have an average FCI of 21 percent. The Arundel Mills FCI is 18 percent.

Foot Bridge

Clauson Center
New

Careers Building
12%

Plant
10%

Annex A, Annex B
26%

Resource Management
7%

Humanities
18%

Health & Life
Sciences
New

Johnson
17%

Math
17%

Dragun
Renovation
Planned

Library
3%

Pascal
Performing
Arts Center
26%

Student
Union
13%

Ludlum
7%

Gym
10%

Student Services Center
Renovation Planned

Florestano
Renovations Ongoing

CALT
13%

Cade
12%

☐ Building scheduled for comprehensive renovation.

▇ Building requires little or no investment, FCI <10%

▇ Building is in good/fair condition, FCI 10% to 20%

▇ Building is in fair/poor condition, FCI >20%

The following structures do not appear on the site plans:

- Central Services 0%
- Barn 12%
- Hank Libby Building 20%
- Astronomy 22%
- Athletic and other outbuildings 5% average

Humanities, Culinary Arts, and
Tourism Institute (HCAT)
22%

Glen Burnie Town Center
21%

Arundel Mills
18%

Buildings with no color are not a part of AACC

Building requires little or no investment, FCI <10%

Building is in good/fair condition, FCI 10% to 20%

Building is in fair/poor condition, FCI >20%

Facilities Spending Required by Location

■ Catch-up (2020 to 2026) ■ 2027-2031 ■ 2032-2036 □ Post-Plan (2027-2050)	
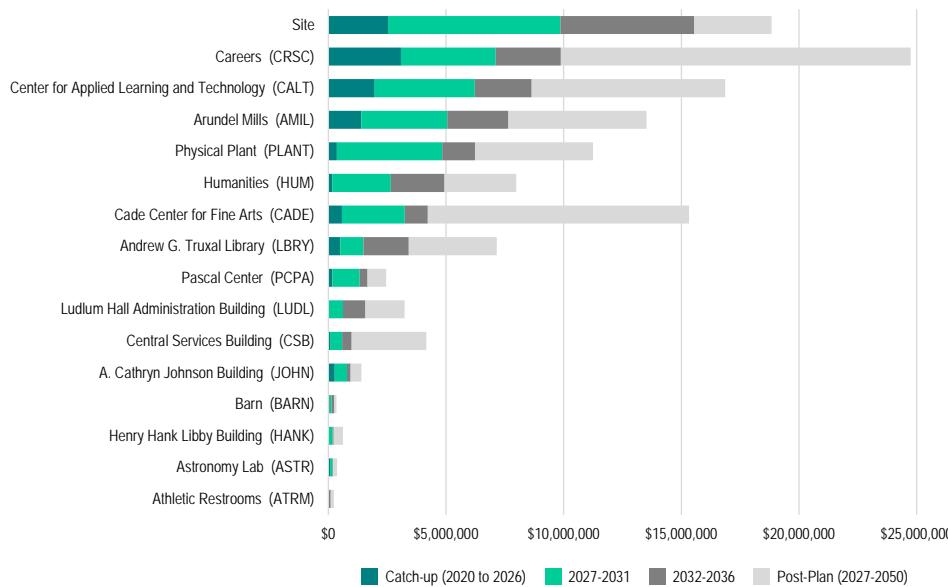
FACILITIES MAINTENANCE COSTS BY BUILDING, BY PROJECT TYPE

At left, facilities maintenance costs (based on the Bureau Veritas study and other AACC-provided documents) were tabulated in 2024 dollars and reflect projects required in 2024 and beyond. In order to display each building's order of magnitude, the costs are not escalated to account for inflation. These costs exclude design fees, finishes, fixtures, and equipment, inspections, permitting, and other soft costs.

The bar chart at left shows Careers (CRSC) is the building that will require the most facilities maintenance investment over the next decade, nearly $10 million by 2036, with an additional $14.9 million investment required post-plan. Combined, site improvements have a $14.6 million investment recommended before 2037.

Buildings that have FMP recommendations for comprehensive renovation or potential removal are not included in the facilities maintenance cost tabulations. The table Facilities Spending Required by Location and Type (facing page) shows costs for each building over the term of the FMP. Costs are escalated to reflect the suggested year of each facilities maintenance project.

The Mechanical, Electrical and Plumbing/Heating, Ventilating, and Air Conditioning/Fire Protection category has the highest investment required, with a $32,648,100 investment required before 2037.

Facilities Spending Required by Location and Type, escalated for inflation, through 2036

Location	Equipment & Elevator	Exterior Envelope	Interior Projects	MEP/HVAC/Fire	Structural Work	Site - Bldg Adjacent	Site - Walks, Concrete	Site - Parking	Site - Lighting	Site - Not specified	Other	Subtotal	Allowance for Design Fees	Total
A. Cathryn Johnson Building (JOHN)	$78,500	$148,200	$172,500	$533,300	$13,000			$1,000				$946,500	$19,900	$966,400
Andrew G. Truxal Library (LBRY)	$18,600	$768,400	$729,900	$1,885,300	$7,000			$2,000		$2,100		$3,413,300	$71,700	$3,485,000
Arundel Mills (AMIL)	$196,400	$869,000	$1,620,100	$4,045,400			$30,700	$60,600		$765,600	$62,400	$7,650,200	$160,700	$7,810,900
Astronomy Lab (ASTR)	$22,400	$56,900	$25,300	$13,500		$12,000	$2,000	$4,200		$56,100	$15,200	$207,600	$4,400	$212,000
Athletic Building Storage Unit (ATST)		$15,400	$11,900	$19,400								$46,700	$1,000	$47,700
Athletic Restrooms (ATRM)		$84,200	$8,900	$1,500				$6,700				$101,300	$2,200	$103,500
Barn (BARN)		$152,000		$100,700								$252,700	$5,400	$258,100
Cade Center for Fine Arts (CADE)	$281,700	$588,600	$758,600	$2,489,400						$106,700	$4,700	$4,229,700	$88,900	$4,318,600
Careers (CRSC)	$124,400	$1,457,000	$1,853,500	$6,426,200		$6,700	$2,000			$6,200	$2,100	$9,878,100	$207,500	$10,085,600
Center for Applied Learning and Technology (CALT)	$234,000	$1,002,200	$1,468,800	$5,837,300						$56,600	$43,500	$8,642,400	$181,500	$8,823,900
Central Services Building (CSB)	$52,400	$43,700	$61,700	$516,200			$12,900				$308,300	$995,200	$20,900	$1,016,100
Henry Hank Libby Building (HANK)	$800	$77,200	$41,600	$82,000				$2,800		$20,100		$224,500	$4,800	$229,300
Humanities (HUM)	$530,600	$245,200	$998,900	$3,135,700	$1,800		$2,100				$25,000	$4,939,300	$103,800	$5,043,100
Ludlum Hall Administration Building (LUDL)	$17,800	$331,000	$274,300	$927,400						$6,000	$14,900	$1,571,400	$33,000	$1,604,400
Pascal Center (PCPA)	$2,000	$297,400	$166,900	$1,032,900			$8,700				$159,100	$1,667,000	$35,100	$1,702,100
Physical Plant (PLANT)	$14,300	$48,300	$136,400	$5,601,900				$400		$3,000	$427,600	$6,231,900	$130,900	$6,362,800
Site							$683,400	$1,983,800	$931,300	$11,951,200		$15,549,700	$326,600	$15,876,500
Total	$1,573,900	$6,184,700	$8,329,300	$32,648,100	$21,800	$18,700	$741,800	$2,061,500	$931,300	$12,973,600	$1,062,800	$66,547,500		$67,946,000

Facilities Spending Required by Type
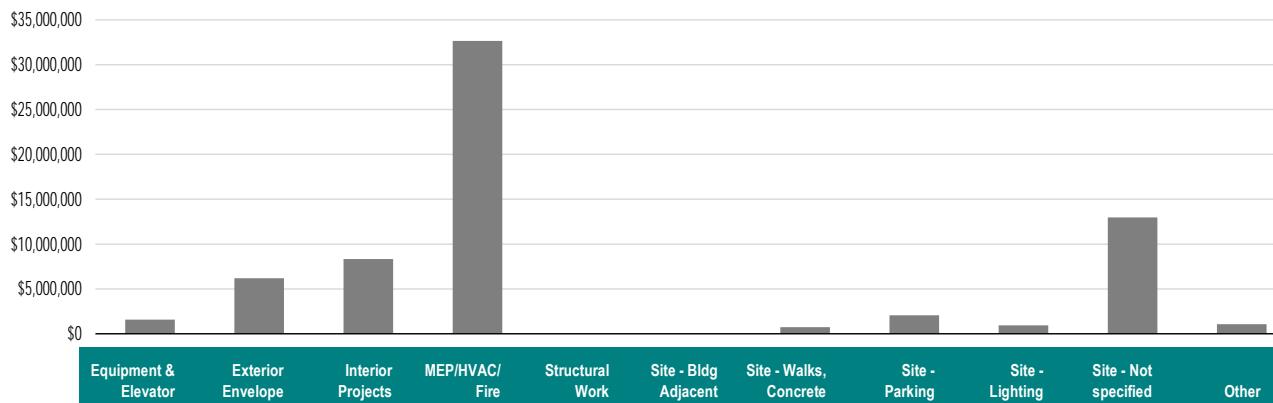
04.   INSTRUCTIONAL SPACE UTILIZATION

INSTRUCTIONAL SPACE UTILIZATION

INTRODUCTION

The efficient use of instructional space allows higher education institutions to maximize their return on investment in built resources. At times when demand is low, institutions can consolidate instruction to enable improvements to campus facilities. When instructional demand and enrollment are high, increasing hours and seat fill in strategic locations can help institutions absorb growth.

DATA SET

The instructional space utilization study relied on the following data sources.

• Fall 2023 registrar course schedules
• Fall 2023 continuing education course schedules
• Fall 2023 events schedule
• Ad Astra list of instructional spaces
• Physical space inventory

The final versions of these data sets will be submitted to the college in electronic format as part of the final report.

PEAK WEEK

The peak week is the week during which the most instruction takes place. In fall 2023, the week of October 16 was the peak week. If certain specialized spaces were found to have maximum demand outside that week, their maximum demand week was considered peak.

SCHEDULED SPACES

If a classroom or class laboratory was scheduled any time, day or evening, for credit or non-credit instruction during fall 2023, its use is reflected in the bar charts at right. Rooms used for non-instructional activities only were not considered scheduled on this chart.

• On Main Campus, 87 percent of classrooms and 88 percent of labs were scheduled.

Scheduled and Unscheduled Instructional Spaces
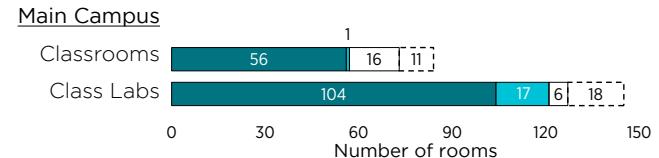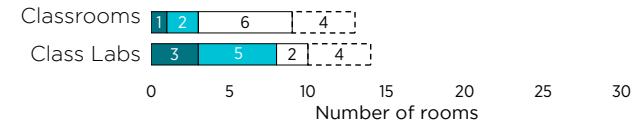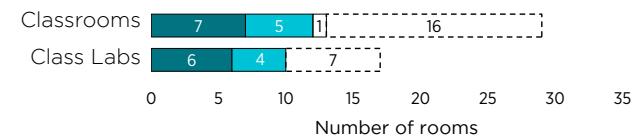
- Glen Burnie Town Center scheduled 69 percent of its classrooms and 71 percent of its class labs. The Hotel, Culinary Arts, and Tourism labs were excluded from this count, since the department is moving to Main Campus.
- Arundel Mills scheduled 45 percent of classrooms and 59 percent of class labs.

UTILIZATION STANDARDS

Maryland applies standards for instructional space utilization based on the size of the college. Small colleges, with 3,000 full-time day equivalent (FTDE) students or fewer have less rigorous performance targets than large colleges. Anne Arundel Community College is expected to have over 3,000 FTDE in fall 2036.

Utilization standards apply to daytime demand (8:00 AM to 5:00 PM, Monday through Friday) only. When an evening space need exceeded daytime demand, it was analyzed separately in this study.

Classroom hourly use was considered adequate if the room was in use for 20 hours per week (the Maryland minimum) to 30 hours per week (a national standard). Classroom seat fill of 60 percent to 75 percent was considered adequate. The Maryland minimum classroom seat fill is 60 percent, and 75 percent was applied as the maximum to approach the national standard of 80 percent.

Class Laboratory hourly utilization between 15 and 20 hours per week was considered adequate. The Maryland minimum weekly lab use is 15 hours, and 20 hours was applied as a high threshold to approach the national standard of 24 hours per week. Maryland suggests 60 percent seat fill for class laboratories. A high target of 80 percent reflects the national standard.

Maryland Community College Utilization Standards

	Classrooms		Class Laboratories	
	Day Hours/ Week	Seat Fill	Day Hours/ Week	Seat Fill
Small College	20.0	60.0%	15.0	60.0%
Large College	27.0	66.7%	18.0	60.0%
Applied Range	20 to 30	60% to 75%	15 to 20	60% to 80%

COURSE MEETINGS BY DAY OF WEEK

Charts below show for-credit course meetings (gray), non-credit course meetings (dark green), and events (stripes) by day of week. Fridays were lightly scheduled at all three locations.

MAIN CAMPUS

For-credit instruction comprises 90 percent of Main Campus's 800 classroom course meetings and scheduled events. Tuesdays held the most course meetings and events, while the remaining meetings were divided generally evenly between Monday, Wednesday, and Thursday. Friday held only two percent of classroom meetings. Main Campus held

22.3 percent of its 884 lab course meetings and events on Mondays. Tuesday held 24.3 percent, Wednesday held 24.9 percent, and Thursday held 23.6 percent. The remaining 4.9 percent of lab meetings and events were held on Fridays.

GLEN BURNIE TOWN CENTER

Non-credit instruction represents the largest share of GBTC's 117 meetings and events, at 51.3 percent. Few non-instructional events took place. Only one meeting, a non-credit Clinical Medical Assistant lecture, took place at GBTC on Friday.

Main Campus
Classrooms

Day	Credit	Non-Credit	Events
Monday	176	7	7
Tuesday	188	8	9
Wednesday	173	7	14
Thursday	177	6	13
Friday	6	8	1

Glen Burnie Town Center
Classrooms

Day	Credit	Non-Credit	Events
Monday	10	10	
Tuesday	5	11	
Wednesday	11	9	1
Thursday	6	12	
Friday	1		

Arundel Mills
Classrooms

Day	Credit	Non-Credit	Events
Monday	3		
Tuesday	3	5	1
Wednesday	5	1	2
Thursday	2	3	2
Friday		1	

Class Laboratories

Day	Credit	Non-Credit	Events
Monday	165	14	18
Tuesday	193	13	9
Wednesday	189	11	20
Thursday	178	12	19
Friday	28	6	9

Class Laboratories

Day	Credit	Non-Credit	Events
Monday	3	3	
Tuesday	6	7	1
Wednesday	7	3	
Thursday	7	4	
Friday			

Class Laboratories

Day	Credit	Non-Credit	Events
Monday	6	7	1
Tuesday	3	4	
Wednesday	5	7	1
Thursday	2	4	
Friday	2		

Credit Courses　　Non-Credit Courses　　Non-Instructional Events
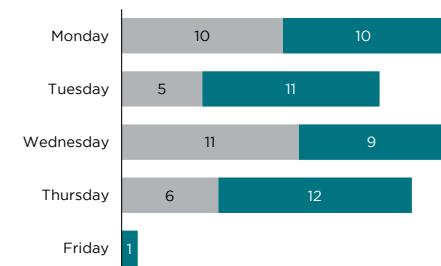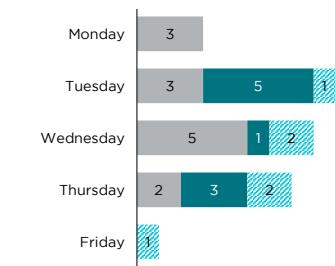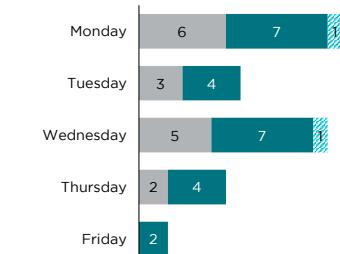
ARUNDEL MILLS

Seventy course meetings and events were recorded at Arundel Mills during peak week, fall 2023. For-credit courses represent 41.4 percent of AMIL meetings, 47.1 percent were non-credit courses. Non-instructional events comprised 11.4 percent of meetings.

COURSE START TIMES AND DURATIONS

The tables below show Main Campus course start times. Regular start-stop times help students build manageable course schedules and meet their graduation timeline. Classroom meetings between 8:00 AM and 4:00 PM followed a pattern of 8:00 AM, 9:30 AM, 11:00 AM, 12:30 PM, and 2:00 PM start times. Fifteen percent of classroom meetings started at an off-pattern time.

Class laboratory meetings showed variable start times, though the standard start times were observed in 48 percent of meetings. Lab session durations varied also. The most frequently-occurring lab durations were:

- 1 hour, 15 minutes (17 percent of meetings)
- 2 hours, 45 minutes (12 percent)
- 2 hours (10.6 percent)
- 2 hours, 50 minutes (6 percent)
- 1 hour, 50 minutes (5 percent)

For upper-division students, labs in their major are likely coordinated with department-specific lectures. Lab start times and durations that deviate from the college-wide pattern could pose difficulty for students with multiple majors or who are attempting to complete prerequisites.

Main Campus

Classrooms

Start Time	M	T	W	R	F	Total	
8:00:00 AM	21	23	20	22		86	12.6%
8:15:00 AM	1	1	1	1		4	0.6%
8:30:00 AM	2	2			1	5	0.7%
9:00:00 AM	4	4	6	2	1	17	2.5%
9:30:00 AM	37	32	37	31	1	138	20.2%
10:00:00 AM	10	6	10	6		32	4.7%
10:30:00 AM	3		3		1	7	1.0%
11:00:00 AM	31	39	30	38		138	20.2%
11:15:00 AM		1				1	0.1%
12:00:00 PM	3	6	2	6	1	18	2.6%
12:30:00 PM	36	35	36	35		142	20.8%
1:00:00 PM	1		1	2	1	5	0.7%
1:30:00 PM	1		1			2	0.3%
2:00:00 PM	16	22	16	22		76	11.1%
3:00:00 PM	1		1			2	0.3%
3:30:00 PM	2	3	2	3		10	1.5%
4:00:00 PM		1				1	0.1%
	169	175	166	168	6	684	

Fewest starts   Most starts

Main Campus

Class Laboratories

Start Time	M	T	W	R	F	Total	
8:00:00 AM	13	18	13	10	1	55	8.0%
8:30:00 AM	5	8	13	14	10	50	7.3%
9:00:00 AM	14	10	15	9	6	54	7.9%
9:30:00 AM	20	28	23	28	2	101	14.7%
10:00:00 AM	12	15	13	13	2	55	8.0%
10:30:00 AM	1		1			2	0.3%
11:00:00 AM	23	23	23	21		90	13.1%
11:30:00 AM	6	3	6	3	2	20	2.9%
12:00:00 PM	8	7	11	4	2	32	4.7%
12:15:00 PM	2	1		1		4	0.6%
12:30:00 PM	15	19	15	19	1	69	10.1%
12:45:00 PM		1				1	0.1%
1:00:00 PM	6	6	10	5	4	31	4.5%
1:15:00 PM		1		3		4	0.6%
1:30:00 PM	1	4	2	1		8	1.2%
1:45:00 PM	1		1			2	0.3%
2:00:00 PM	19	12	21	14	1	67	9.8%
2:15:00 PM	1		1			2	0.3%
2:30:00 PM		1	1	3		5	0.7%
3:00:00 PM	2	2		2		6	0.9%
3:15:00 PM		2		2		4	0.6%
3:30:00 PM	4	2	5	2		13	1.9%
4:00:00 PM		2	3	3	2	10	1.5%
	153	165	177	157	33	685	

SCHEDULING PATTERNS

Examining course meeting intensity by time of day and day of week helps identify opportunities to improve utilization. Classroom and class laboratory scheduling patterns are shown on the following pages for all three AACC locations. The x-axis of each chart is divided into half-hour increments. The y-axis tracks how many course meetings took place in every half hour increment. Both credit and non-credit courses were considered.

The charts at right show the number of instructional spaces in the inventory as a dashed line. A solid line shows how many were scheduled for daytime or evening instruction during fall 2023. Each day of week is represented by a different colored line, with the peak utilization noted.

College-wide, little instruction is delivered on Fridays. While most instruction was delivered before 5:00 PM, Glen Burnie Town Center (GBTC) and Arundel Mills (AMIL) had notable evening peaks.

MAIN CAMPUS

AACC's adherence to regular course start times is revealed by pronounced valleys during class change times. Peak classroom utilization occurred on Mondays at 10:30 AM when 56 of the campus's 84 classrooms were in use. During fall 2023, 73 classrooms were scheduled overall, leaving 11 unused during that term.

Class laboratories are shown on the facing page. Main Campus had 146 class laboratories in its physical space inventory; 127 were scheduled in fall 2023. At the time of peak utilization, Tuesdays at 10:00 AM, 72 class labs were in use. Of the 19 unscheduled labs, four labs in the Careers Building were being phased-out of use to prepare them to serve as swing space for the upcoming Dragun Science Building renovation.

Johnson Hall was used exclusively for Continuing Education. No course meetings were reported in its four labs.


Main Campus Classrooms
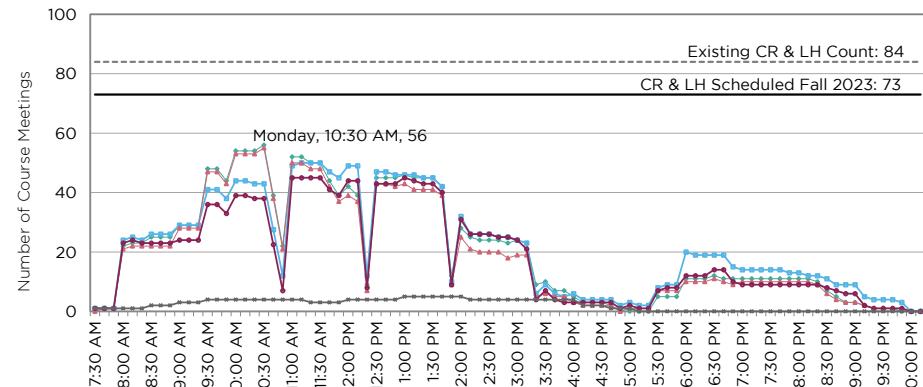
Glen Burnie Town Center Classrooms (excluding HCAT)
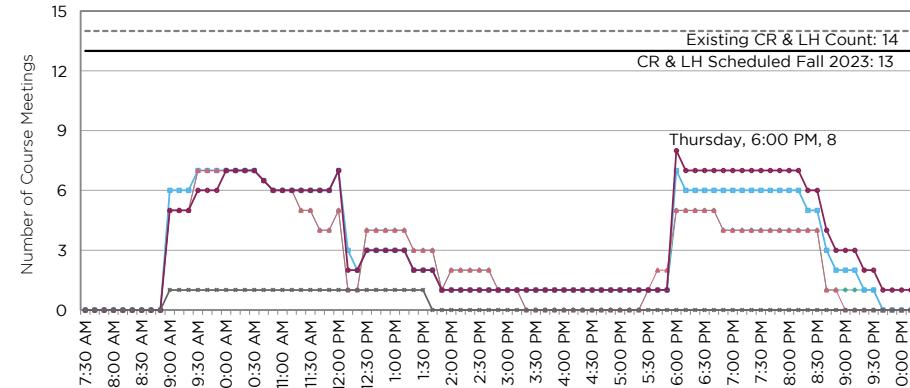
Arundel Mills Classrooms

Main Campus Class Laboratories

Existing Count: 146
Scheduled Fall 2023: 127
Tuesday, 10:00 AM, 72

Number of Course Meetings (y-axis: 0–160)
x-axis: 7:30 AM – 10:00 PM
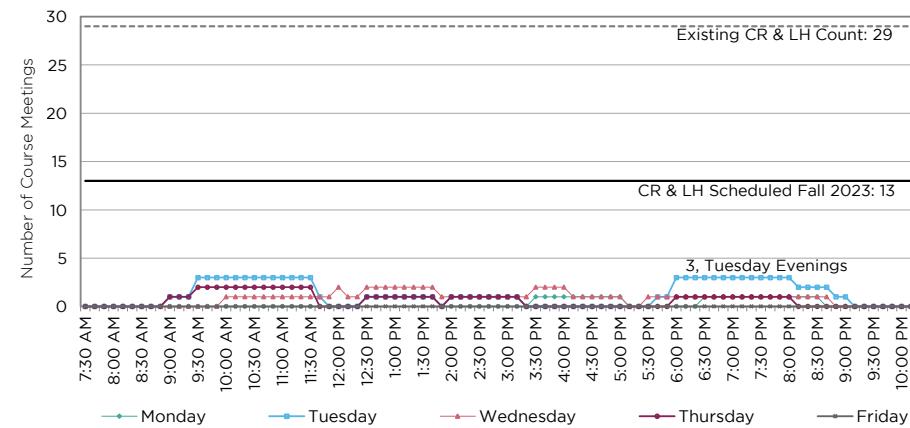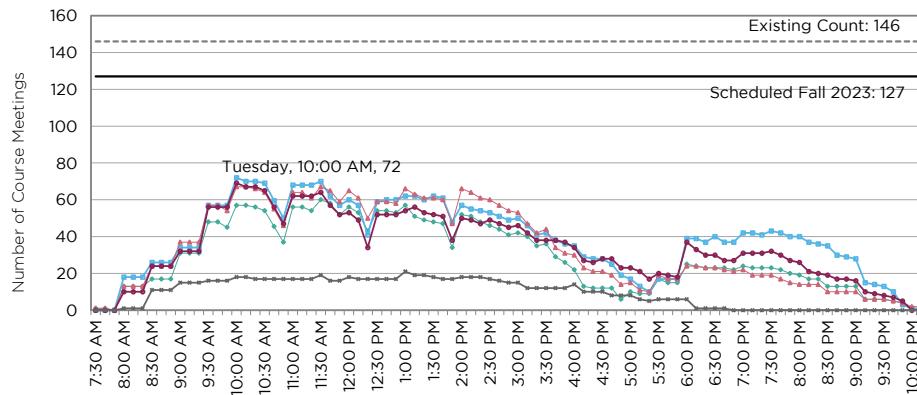
Glen Burnie Town Center Class Laboratories (excluding HCAT)

Existing Count: 14
Scheduled Fall 2023: 10
Tuesday, 7:15 PM, 8

Number of Course Meetings (y-axis: 0–16)
x-axis: 7:30 AM – 10:00 PM
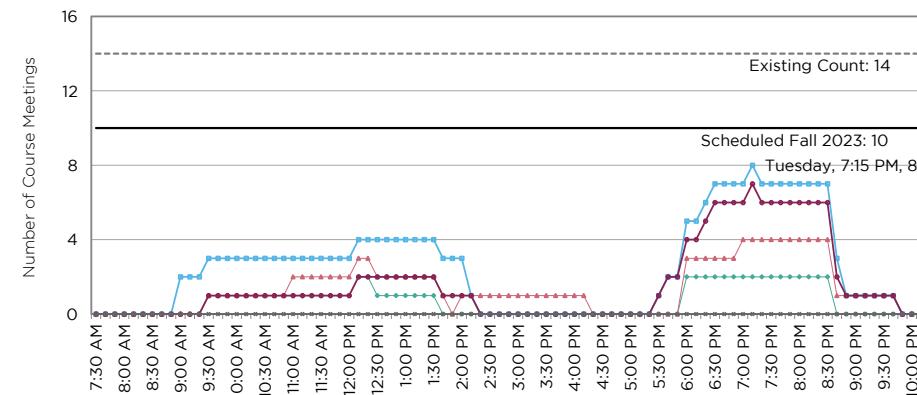
Arundel Mills Class Laboratories

Existing Count: 17
Scheduled Fall 2023: 10
5, Wednesday late morning, early...

Number of Course Meetings (y-axis: 0–20)
x-axis: 7:30 AM – 10:00 PM

Legend: Monday — Tuesday — Wednesday — Thursday — Friday
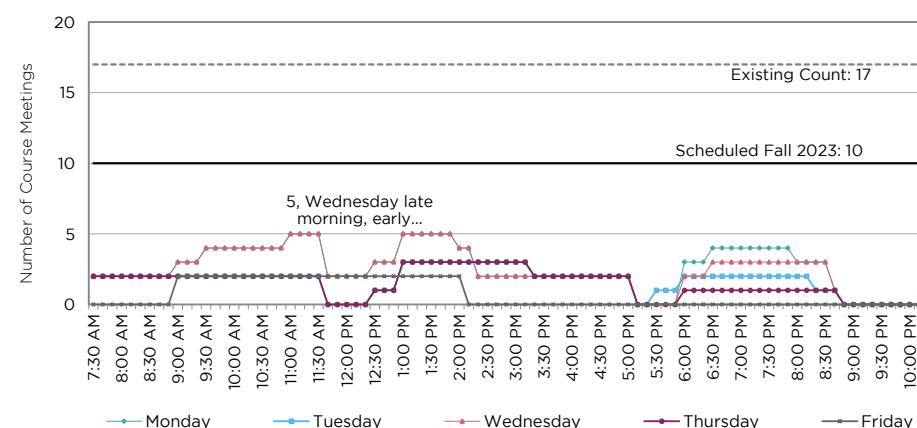
Two instructional labs in the library did not have reported course meetings, but may have been used for library instruction which often occurs on an irregular schedule.

Two former biology labs in Dragun were not scheduled; biology instruction shifted to the new Health and Life Sciences Building when it opened.

The remaining seven labs with no scheduled use in fall 2023 were:

ANXA110, potentially unscheduled due to its remote location

CADE113, a 10-seat computer lab

CALT224, a 12-seat CISCO computer lab

CALT305, a 24-seat Architecture computer lab

CCIT112, where welding courses were scheduled

CRSC256, an 18-seat computer lab designated Video Conferencing in scheduling software

HLSB205, an Anatomy and Physiology Lab

GLEN BURNIE TOWN CENTER

Hotel, Culinary Arts, and Tourism (HCAT) instruction was excluded from the GBTC utilization because HCAT instruction will be moving to a new facility on the Main Campus. While 13 of the 14 classrooms at GBTC were scheduled, at peak demand only eight were in use.

Ten class labs at GBTC were scheduled, leaving four unused during fall 2023. Eight labs were in use at the peak time: Tuesdays at 7:15 PM.

ARUNDEL MILLS

Very few instructional spaces were in use at AMIL in fall 2023. Only three classrooms were in use at peak times, yet the building contains 29 classrooms.

Class laboratories saw slightly better utilization, with ten of 17 scheduled in fall 2023. Five were in use at peak time. Casino labs were scheduled for very long durations, as shown by the linear horizontal pattern covering many hours.

AVERAGE UTILIZATION RATES

The circular charts on this and the following pages illustrate the average weekly hours of use and seat fill by space type. Dark gray portions of the circle represent for-credit utilization. Blue portions represent non-credit utilization. Striped portions show hours during which rooms were occupied for non-instructional events. Non-instructional events do not contribute to meeting Maryland utilization standards. Light gray portions of the circle represent unused capacity.

An arc outside the circles shows the target range of utilization. When dark gray and blue arcs meet or exceed the target range, the average utilization of the space type is satisfactory.

Evening targets reflect 20 hours available for instruction: five hours per day, Monday through Thursday.
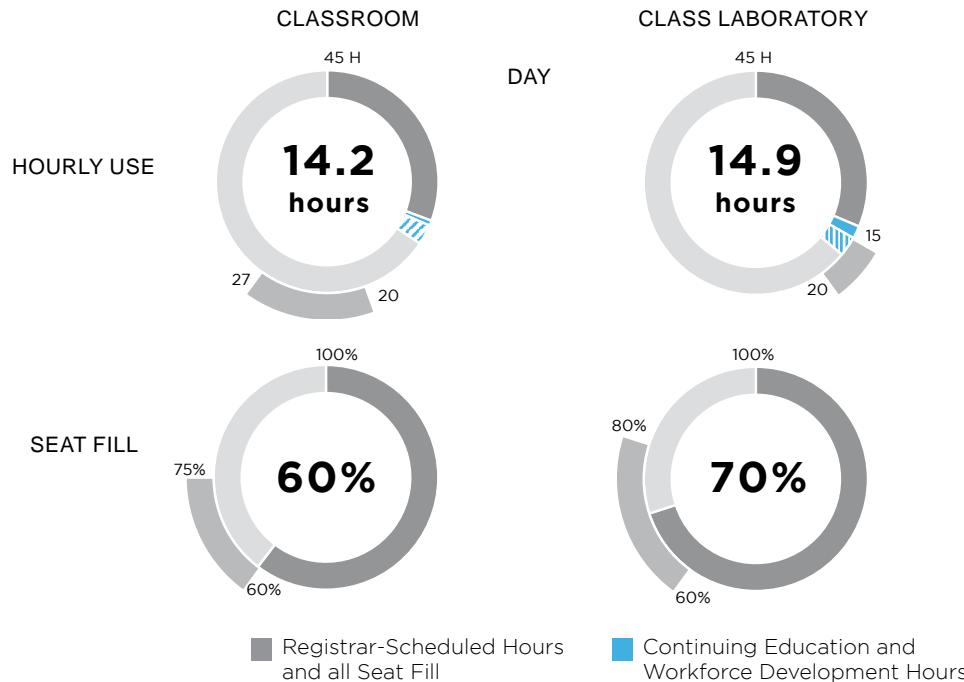
MAIN CAMPUS

On average, classrooms on Main Campus did not meet hourly standards for day or evening instruction. If instruction were distributed equally in all scheduled classrooms, an additional 5.8 hours of instruction could have been delivered in each room before reaching the target range.

Class laboratories on Main Campus reached satisfactory hourly use in daytime. An additional one hour per scheduled lab, on average, could have been scheduled in evening before reaching the target range.

Seat fill on Main Campus met target ranges in all space categories and times of day, except for evening classroom seat fill which fell short of the 60 percent low target threshold.

MAIN CAMPUS

	CLASSROOM	CLASS LABORATORY
HOURLY USE	14.2 hours	14.9 hours
SEAT FILL	60%	70%

	CLASSROOM	CLASS LABORATORY
HOURLY USE	4.9 hours	5.9 hours
SEAT FILL	46%	63%

Legend:
- Registrar-Scheduled Hours and all Seat Fill
- Continuing Education and Workforce Development Hours
- Non-Instructional Events Hours
- Target Range

GLEN BURNIE TOWN CENTER

Daytime classroom average hourly use approached the target range, with over 11 hours of credit instruction and over eight hours of non-credit instruction. Class labs fell short of the hourly target. Seat fill in classrooms and labs met the target in daytime.

Evening average utilization fell short of the target range in classrooms, but lab hours per week were satisfactory. Evening lab seat fill was in the target range, while classroom evening seat fill fell short.

GLEN BURNIE TOWN CENTER

	CLASSROOM	CLASS LABORATORY		CLASSROOM	CLASS LABORATORY
HOURLY USE	**19.6** hours	**10.4** hours		**6.4** hours	**7.4** hours
SEAT FILL	**63%**	**64%**		**51%**	**74%**

Legend:
- ■ Registrar-Scheduled Hours and all Seat Fill
- ■ Continuing Education and Workforce Development Hours
- ▨ Non-Instructional Events Hours
- ■ Target Range
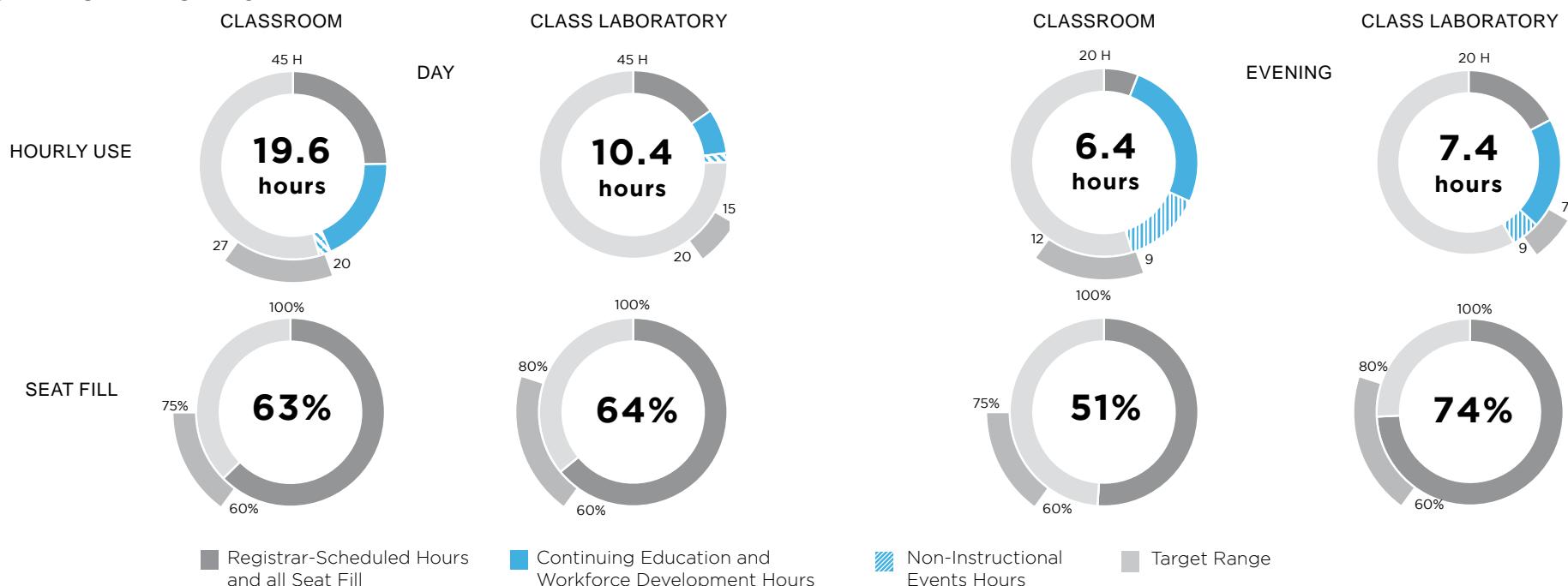
ARUNDEL MILLS

Arundel Mills had very low average hourly utilization, day and evening, in its scheduled classrooms. Non-credit courses in casino training labs booked all-day sessions, leading to average hourly lab use that approached the daytime target. Seat fill met or approached targets in all categories except evening classroom use.

Additional hours of instruction could be scheduled in all Arundel Mills instructional spaces.

ARUNDEL MILLS

	CLASSROOM	CLASS LABORATORY		CLASSROOM	CLASS LABORATORY

DAY

EVENING

HOURLY USE

CLASSROOM: 3.1 hours
CLASS LABORATORY: 13.2 hours
CLASSROOM: 3.0 hours
CLASS LABORATORY: 4.9 hours

SEAT FILL

CLASSROOM: 73%
CLASS LABORATORY: 57%
CLASSROOM: 49%
CLASS LABORATORY: 66%

- ■ Registrar-Scheduled Hours and all Seat Fill
- ■ Continuing Education and Workforce Development Hours
- ▨ Non-Instructional Events Hours
- ■ Target Range

Footbridge connecting the east and west sides of Main Campus

ROOM-BY-ROOM UTILIZATION

Every space scheduled in daytime at AACC is represented in the column charts on this and the following pages. The upper half of the chart shows the number of daytime hours per week a room was scheduled. The lower half shows the percentage of seats occupied when the room was in use.

A gray bar shows the range of acceptable utilization. A dashed line shows the campus average use rate. Gray portions of the columns show registrar-scheduled use. Blue portions represent continuing education and workforce development courses. Striped portions show non-instructional

events. Hourly room use for non-instructional events does not contribute to meeting Maryland's hourly standards.

If the height of a room's hourly use bar reaches or exceeds the target range (light gray) its hourly utilization rate is considered acceptable. Nine classrooms in the chart below achieved target utilization in fall 2023. Seat fill, the bottom portion of the chart, is considered acceptable if the bar reaches or exceeds the 60% to 66.7% range. Fifteen rooms in classroom utilization chart part 1 of 2 reached the target range.

CLASSROOMS (PART 1 OF 2)

Thirteen rooms in classroom utilization chart part 2 of 2 reached the hourly target range. Many rooms had hourly use of fewer than 10 hours, which contributed to the low 14.2 hour-per-week Main Campus average.

More classrooms met the seat fill target range. Twenty-one rooms exceeded 66.7 percent seat fill in this chart.

CLASSROOMS (PART 2 OF 2)

CLASS LABORATORIES

Some labs showed exceptional daytime hourly utilization in fall 2023.

• AMIL 005 and AMIL 018, Casino labs in Arundel Mills, were booked four days per week for eight hours per day, leading to 32 hours per week of apparent use.
• Seat fill in these labs did not meet the target range.
• CADE 313, a design studio, was booked over 30 hours per week for Two-Dimensional Design classes. Seat fill met the target range in this lab.
• CADE 326, a drawing and painting studio, was in use for 30 hours per week. Seat fill did not meet the target range.
• CRSC 120, a Ceramics Studio, was booked for 18 hours of instruction and an additional 23.5 hours per week were reserved for open studio time. This usage pattern is appropriate, with adequate out-of-class time available for student work.

CLASS LABORATORIES (PART 1 OF 2)
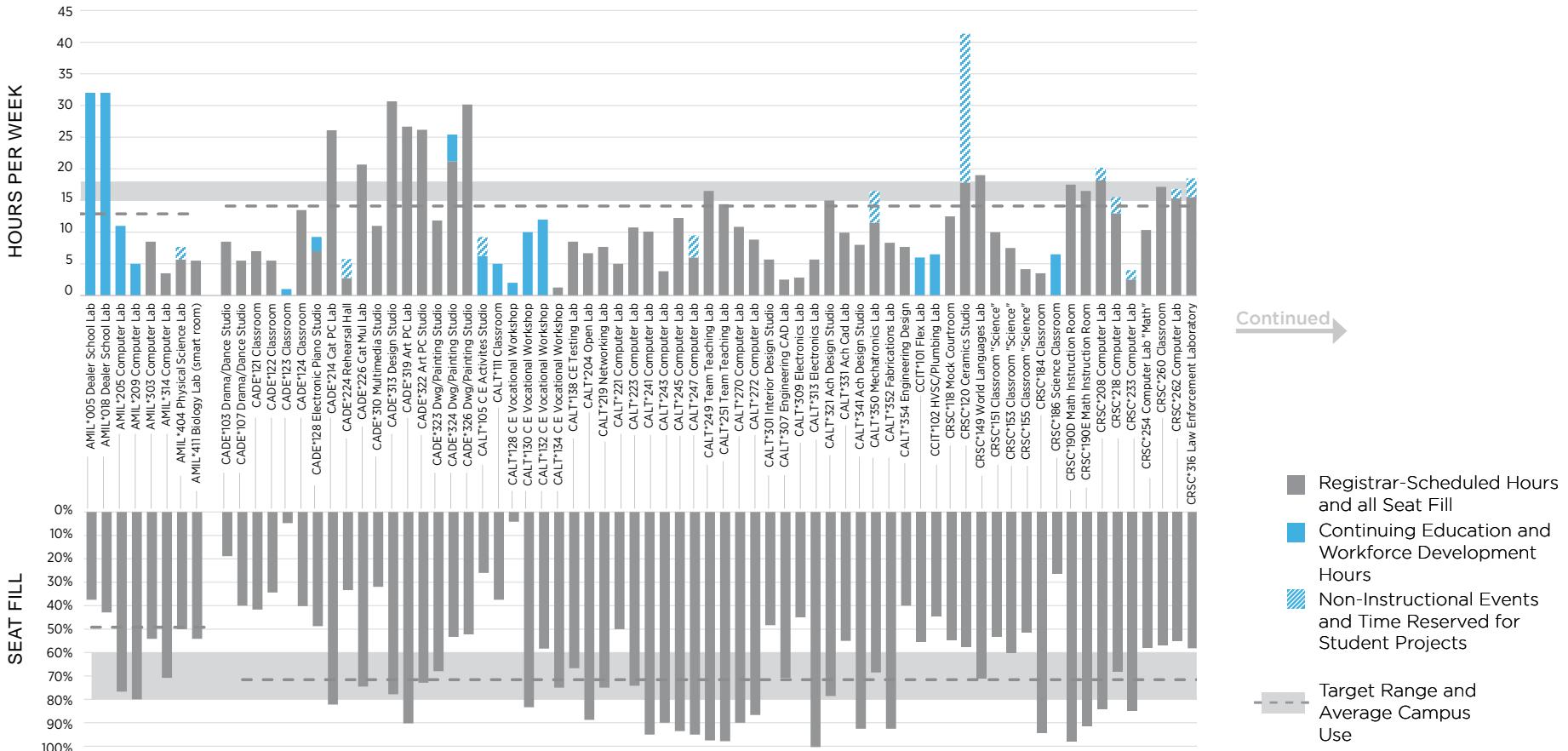
- EMS Labs HLSB 154 and HLSB 158 were booked for full-day sessions three days per week, with full-morning sessions one day per week. This led to hourly utilization of 34 hours per week.
- HLSB Suite 160, a simulation lab, had very high hourly utilization in many of its rooms. Seat fill was also very high because the suite would be booked for a full section and the students would use the simulation rooms in small groups.
- Art studios in the Plant show low hourly instructional use but have many hours allocated to open studio for students' projects.

CLASS LABORATORIES (PART 2 OF 2)
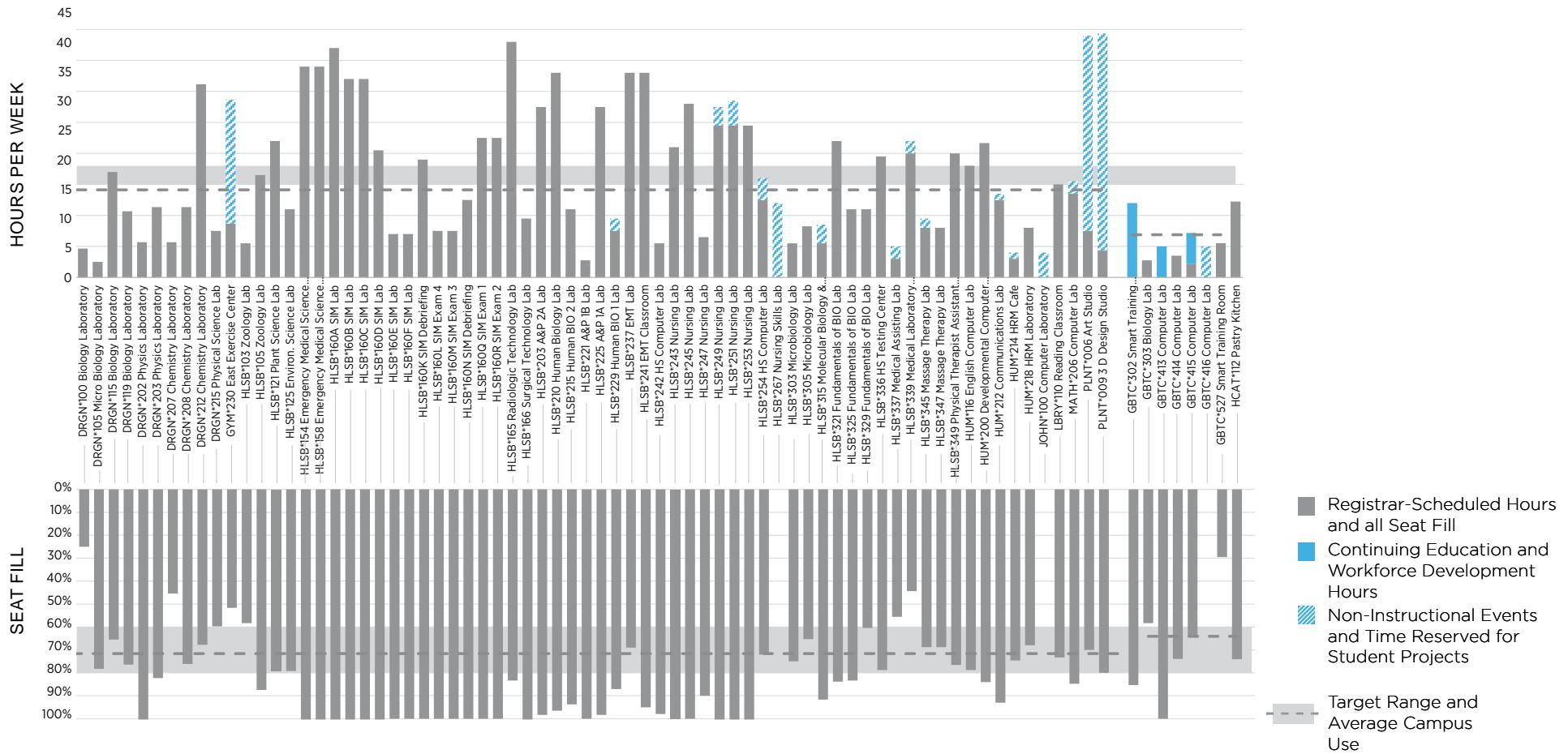
MAIN CAMPUS INSTRUCTIONAL SPACE CAPACITY AND DEMAND

The charts on this and the following page represent the demand for classrooms by capacity range. Along the x-axis, seating capacity ranges of classrooms are listed. The y-axis charts the number of classrooms. A red line represents the number of rooms in the inventory, while the gray bars represent how many rooms were required in fall 2023 at the utilization rates stated.

East Campus refers to buildings east of the footbridge: SSVC, GYM, HLSB, CRSC, PLNT, HUM, MATH, LBRY, DRGN, PCPA, SUN, LUDL

West Campus includes CALT, FLRS, and CADE.

East Campus, Instruction As-Delivered

Lecture course delivery as it occurred in daytime, fall 2023, is represented in the left table below. At the 14.2 hour per week average utilization rate, 66 classrooms were required to meet East Campus demand. Faculty on East Campus likely felt that 21- to 30-seat classrooms were in short

supply. Classrooms in the 41- to 60-seat range had higher hourly use than the larger classrooms and lecture halls.

East Campus, Optimized Delivery

Hourly use of 20 hours to 27 hours was modeled in the optimized delivery chart, represented by a gray bar showing the range of fall 2023 demand. The top of the bar represents 20 hour-per-week utilization (more classrooms required) and the bottom of the bar shows that fewer classrooms would be needed if 27 hours-per-week were achieved. If Main Campus could achieve and average of 20 hours of classroom instruction per week, 19 fewer classrooms would be needed to deliver instruction on East Campus. Fall 2023 instruction was allocated to the seating capacity range that best suits the section's course cap at 70 percent seat fill.

- Up to nine classrooms with 20 or fewer seats were surplus in fall 2023.
- Five classrooms were surplus in the 21 to 30 seat range.

EAST CAMPUS CLASSROOMS, INSTRUCTION AS-DELIVERED

Range of Capacity Utilized at 14.2 hours/week (campus average)

Rooms in Inventory

EAST CAMPUS CLASSROOMS, OPTIMIZED DELIVERY

Range of Capacity Needed at Hourly Use Target Range and 70 percent seat fill
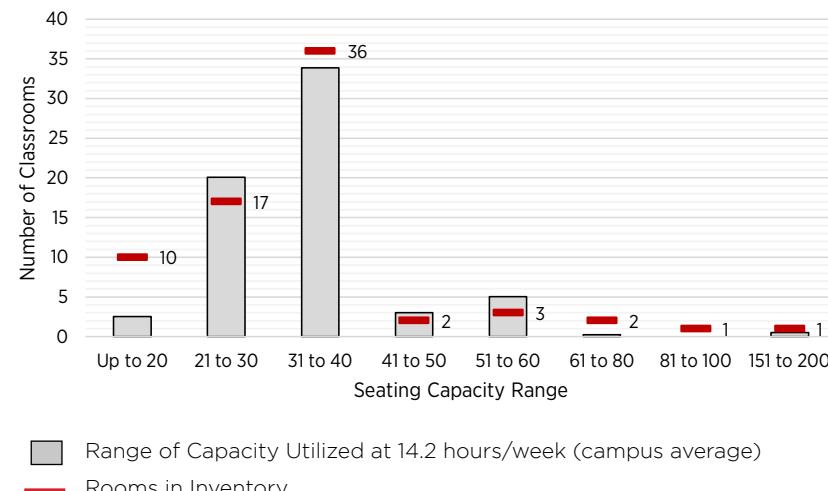
Rooms in Inventory
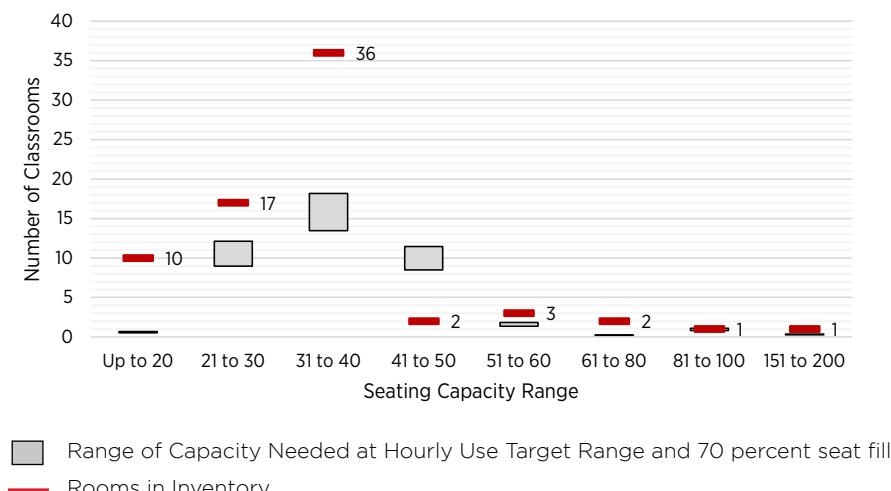
- Up to 17 classrooms were surplus in the 31 to 40 seat range.
- An additional 10 classrooms were needed in the 41 to 50 seat range.
- Classrooms with 51 to 60, 61 to 80, and 151 to 200 seats had fall 2023 demand that generally aligned with capacity.
- In categories with a potential classroom shortage, meetings would most likely be held in higher-capacity classrooms or lecture halls.

West Campus, Instruction As-Delivered

- At the AACC average Main Campus hourly utilization rate (14.2 hours per week), seven classrooms would have been required to meet West Campus needs.
- West Campus had capacity remaining in every seating capacity range, with a significant surplus in 21- to 30-seat classrooms.
- One classroom with 20 seats or fewer could have been utilized in fall 2023. These meetings likely met in 21 to 30 seat classrooms.
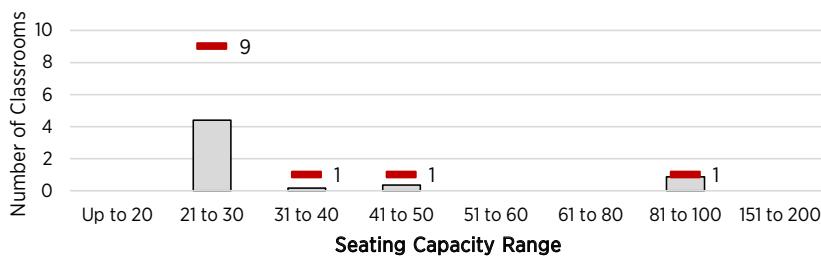
- There was a surplus of classrooms in the 21 to 30 seat range; up to four could have been repurposed.
- The small surplus in larger West Campus classrooms was acceptable.

West Campus, Optimized Delivery

If hourly utilization met the target range of 20 hours to 27 hours per week and course sections met in rooms that best suited their course caps, the utilization pattern on West Campus remains similar to its fall 2023 usage patterns, but fewer classrooms would be required. At 27 hours per week, three classrooms would be needed. At 20 hours per week, four classrooms would be needed.

WEST CAMPUS CLASSROOMS, INSTRUCTION AS-DELIVERED

Range of Capacity Utilized at 14.2 hours/week (campus average)

Rooms in Inventory

WEST CAMPUS CLASSROOMS, OPTIMIZED DELIVERY
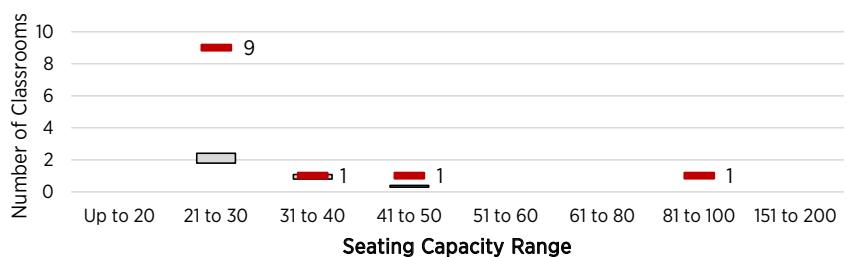
Range of Capacity Needed at Hourly Use Target Range and 80 percent seat fill

Rooms in Inventory

CLASS LABORATORY CAPACITY AND DEMAND

A weekly student contact hour (WSCH) is a measure of one student in one instructional seat for one hour. If a section has 15 students enrolled and it meets for 3 hours per week, it generates 45 WSCH. A room's WSCH capacity is calculated by applying the utilization standards to the number of seats in the room. Based on Maryland standards, a 24 seat lab at a large college would have a WSCH capacity of 259 WSCH (24 seats x 60% seat fill x 18 hours per week).

The AACC class labs listed in the table below had WSCH utilization that exceeded 110 percent of their WSCH capacity. These labs may be overscheduled, however some course schedule entries suggest scheduling practices may be inflating the WSCH demand on the room. For example, Casino Dealer Labs were scheduled for full days, multiple days per week. If courses are not held for full days the course schedule should reflect the actual hours of occupancy. Simulation Labs were scheduled for whole sections of students, but the sections cycle through the labs in small groups. This practice makes the rooms appear overcrowded.

CLASS LABS WITH FALL 2023 DAYTIME DEMAND
EXCEEDING 110% OF WSCH CAPACITY

Merged Room No	Room Name	% WSCH	Note
AMIL005	Dealer School Lab	111%	Reserved for full day
AMIL018	Dealer School Lab	127%	
CADE214	Cat PC Lab	184%	Media Production
CADE226	Cat Mul Lab	145%	Web Design/Digital Design
CADE313	Design Studio	211%	Two-Dimensional Design - Sections book both rooms at the same time
CADE319	Art PC Lab	219%	
CADE322	Art PC Studio	173%	Digital Photography
CADE326	Dwg/Painting Studio	131%	Drawing and Painting Studio
CALT249	Team Teaching Lab	149%	Computer Science
CALT251	Team Teaching Lab	131%	
CRSC149	World Languages Lab	112%	Criminal Justice
CRSC190D	Math Instruction Room	159%	College Algebra
CRSC190E	Math Instruction Room	140%	
CRSC208	Computer Lab	140%	Multiple Disciplines - Computer Classroom
DRGN212	Chemistry Laboratory	161%	General Chemistry
HLSB105	Zoology Lab	134%	General Zoology
HLSB121	Plant Science Lab	161%	General Botany
HLSB154	Emergency Medical Science (EMS) Lab 1	337%	Emergency Medical Science
HLSB158	Emergency Medical Science (EMS) Lab 2	354%	
HLSB160A	SIM Lab	391%	Simulation - Reserved for more occupants than capacity, but they cycle through in groups
HLSB160B	SIM Lab	345%	
HLSB160C	SIM Lab	345%	
HLSB160D	SIM Lab	236%	
HLSB160K	SIM Debriefing	157%	
HLSB160N	SIM Debriefing	116%	
HLSB160Q	SIM Exam 1	208%	
HLSB160R	SIM Exam 2	208%	

Merged Room No	Room Name	% WSCH	Note
HLSB165	Radiologic Technology Lab	208%	Radiologic Technology
HLSB203	A&P 2A Lab	250%	Anatomy & Physiology
HLSB210	Human Biology Lab	295%	Human Biology
HLSB225	A&P 1A Lab	250%	Anatomy & Physiology
HLSB237	EMT Lab	217%	EMT Lab
HLSB241	EMT Classroom	288%	EMT Classroom
HLSB243	Nursing Lab	194%	Skills Labs - Reserved for more occupants than capacity, but they cycle through in groups
HLSB245	Nursing Lab	259%	
HLSB249	Nursing Lab	232%	
HLSB251	Nursing Lab	232%	
HLSB253	Nursing Lab	211%	
HLSB321	Fundamentals of BIO Lab	160%	Fundamentals of Biology
HLSB336	HS Testing Center	149%	Health Sciences Testing Center
HLSB349	Physical Therapist Assistant Lab	148%	Physical Therapist Assistant
HUM116	English Computer Lab	132%	English Computer Lab

RECOMMENDATIONS

MAIN CAMPUS

More lecture sections could be offered on Main Campus, or some classrooms could be repurposed. On the east side of Campus, a surplus of up to 14 classrooms exists in the 31- to 40-seat range.

AACC cannot realize the potential classroom space savings on Main Campus unless hourly utilization is improved. The recommended goal is to increase hourly classroom use to at least 20 hours per week, with a long-range goal of approaching the Maryland standard of 27 hours per week, on average. This may require the College to schedule additional class meetings and or classes.

Class Laboratory hourly utilization approached the target range, on average. Some labs exceeded their WSCH capacity, though interviewees did not express space needs. Scheduling practices and reporting methods should be reviewed to ensure the data reflect actual room usage.

GLEN BURNIE TOWN CENTER

The Glen Burnie Town Center (GBTC) building is owned by Anne Arundel County. The County plans to replace the building's HVAC systems in FY2026, which will require closure of most of the AACC-occupied portions of the facility. AACC will divert instruction from GBTC to Arundel Mills and Main Campus. Upon completion of the HVAC replacement, AACC intends to return to GBTC but may occupy less space. The County is interested in relocating the Anne Arundel Workforce Development Corporation (AAWDC) to a portion of the building. No space utilization changes are recommended, as future space allocation will change.

HOTEL, CULINARY ARTS, AND TOURISM (HCAT)

This facility will be replaced with an addition to the Clauson Center for Innovation and Skilled Trades on Main Campus. No space utilization changes are recommended because new facilities will be sized to meet instructional demand.

ARUNDEL MILLS

The Casino Training labs are the only well-utilized spaces at Arundel Mills. Many classrooms and labs were unscheduled in fall 2023. The facility will see increased use when GBTC is offline. Long-term, AACC should determine what the mission is for the AMIL location and how it can best serve the College.

UTILIZATION FLOOR PLANS

Floor plans on the following pages illustrate weekly student contact hour utilization percentages of every classroom and class laboratory in AACC's inventory. This visual representation helps planners and AACC identify clusters of over- or underutilized instructional spaces.

Rooms are color-coded based on their use (classroom or class lab). If the room was scheduled in daytime, fall 2023, a dot represents its WSCH utilization as a percentage of its capacity. If no dot is present, the room was not scheduled.

HEALTH AND LIFE SCIENCES BUILDING

Classrooms and Lecture Halls

Class Laboratories

○ Scheduled below 50% of WSCH Target
● Scheduled 51% to 99% of WSCH Target
● Scheduled 100% or more of WSCH Target

Third Floor

Second Floor

First Floor

		Classrooms				Labs				
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
HLSB 1	5		4	1		9	1	1	2	5
2	2		2			16	1	4		11
3	8		6	2		12	0	7	2	3

CAREERS BUILDING

Legend:

■ (orange) Classrooms and Lecture Halls

■ (pink) Class Laboratories

○ Scheduled below 50% of WSCH Target
● (light blue) Scheduled 51% to 99% of WSCH Target
● (dark blue) Scheduled 100% or more of WSCH Target

Third Floor

Second Floor

First Floor

| | | Classrooms | | | | | Labs | | | | |
	Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
CRSC	1						13	4	5	1	3
	2	15					7	2	1	2	2
	3	4					1				1

PLANT/SCULPTURE

HUMANITIES

Plant First Floor
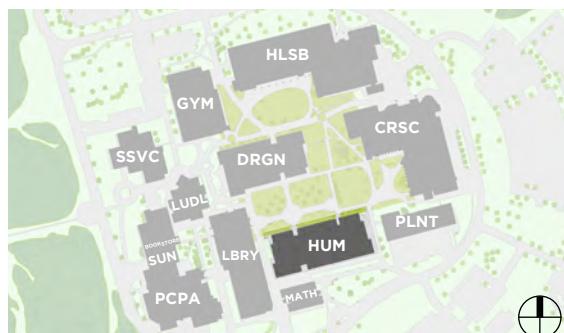
Humanities First and Second Floors

Humanities Ground Floor


🟧 Classrooms and Lecture Halls

🟪 Class Laboratories

○ Scheduled below 50% of WSCH Target
● Scheduled 51% to 99% of WSCH Target
● Scheduled 100% or more of WSCH Target

		Classrooms					Labs			
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
PLNT 0						2		2		
HUM 0	2		2							
1	11	1	6		4	1				1
2	1				1	4			2	2

DRAGUN SCIENCE BUILDING

Dragun Second Floor

Dragun Ground Floor and First Floor

🟧 Classrooms and Lecture Halls

🟪 Class Laboratories

⚪ Scheduled below 50% of WSCH Target
🔵 Scheduled 51% to 99% of WSCH Target
🔵 Scheduled 100% or more of WSCH Target

		Classrooms					Labs				
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
DRGN 0	1	1								
1	3	2	1			6	2	2		2
2	1		1			6	1	3		2

TRUXAL LIBRARY
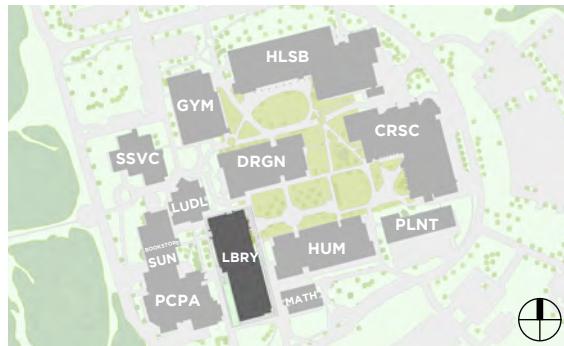
JENKINS GYM

Library First Floor
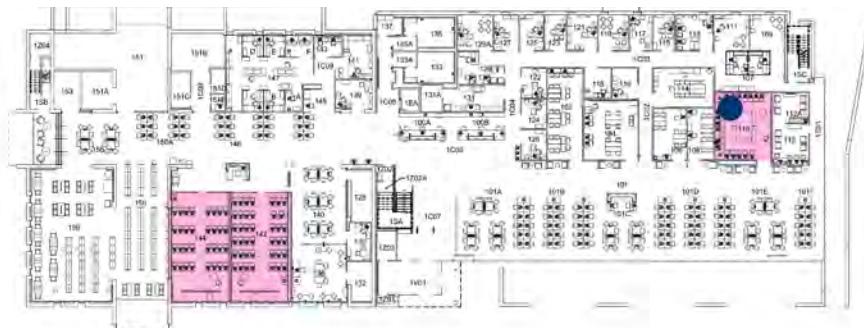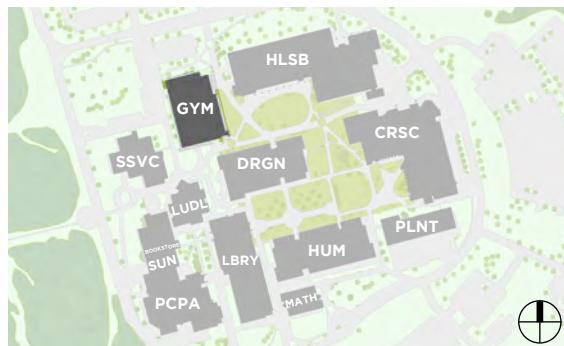
Gym First Floor

Gym Second Floor

🟧 Class Laboratories

🟪 Classrooms and Lecture Halls

○ Scheduled below 50% of WSCH Target

🔵 Scheduled 51% to 99% of WSCH Target

🔵 Scheduled 100% or more of WSCH Target

		Classrooms					Labs			
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
LBRY 1						3	2			1
GYM 1	2		2							
2						1	1			

CADE CENTER FOR FINE ARTS

Class Laboratories

Classrooms and Lecture Halls

○ Scheduled below 50% of WSCH Target
● Scheduled 51% to 99% of WSCH Target
● Scheduled 100% or more of WSCH Target

Third Floor

Second Floor

First Floor

		Classrooms					Labs			
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
CADE 1						9	1	8		
2	2		2			3		1		2
3						7		1	1	5

CENTER FOR APPLIED LEARNING AND TECHNOLOGY



Third Floor

Second Floor


First Floor

🟧 Classrooms and Lecture Halls

🟪 Class Laboratories

⚪ Scheduled below 50% of WSCH Target
🔵 Scheduled 51% to 99% of WSCH Target
🔵 Scheduled 100% or more of WSCH Target

		Classrooms					Labs				
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	
CALT 1	2		2			10					
2	7	1	6			13					
3	1		1			11					

ANNEX A, ANNEX B, MATH, JOHNSON, CLAUSON CENTER, AND ASTRONOMY

Class Laboratories

Classrooms and Lecture Halls

○ Scheduled below 50% of WSCH Target
● Scheduled 51% to 99% of WSCH Target
● Scheduled 100% or more of WSCH Target

Annex A

Annex B

Math First Floor
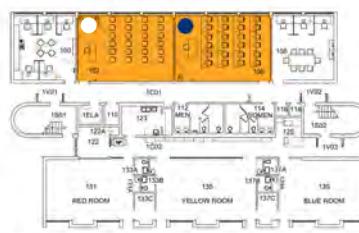
Math Second Floor
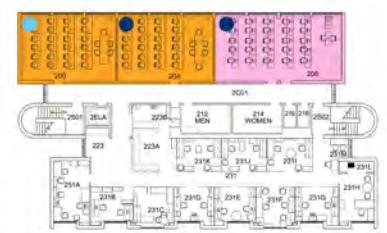
Johnson First Floor

Clauson Center

Astronomy

		Classrooms					Labs			
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
ANXA 1	2	2				1	1			
ANXB 1	6	1	4	1						
MATH 1	2		1		1					
2	2			1	1	1				1
JOHN 1	4	4				5	5			
CCIT 1						4	2	2		
ASTR 1	1	1								
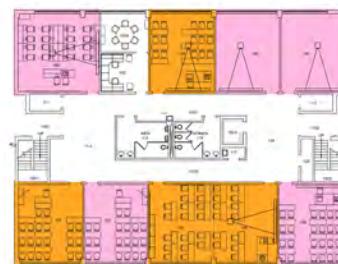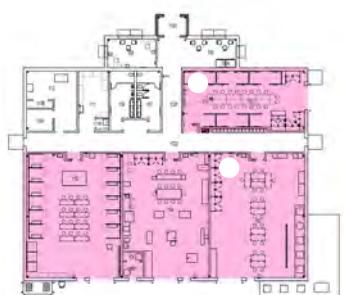
ARUNDEL MILLS

Second Floor
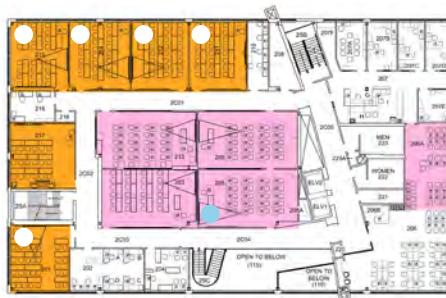
First Floor

Fourth Floor

Third Floor

Basement
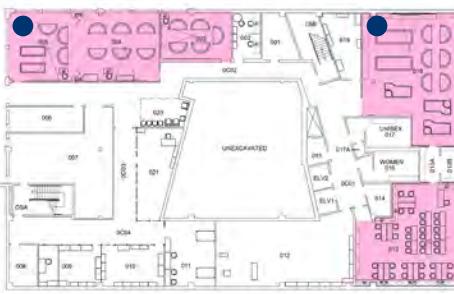
🟧 Classrooms and Lecture Halls

🟪 Class Laboratories

⚪ Scheduled below 50% of WSCH Target
🔵 Scheduled 51% to 99% of WSCH Target
🔵 Scheduled 100% or more of WSCH Target

|		Classrooms				Labs				
Floor	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
AMIL B						5				2
1	4	4								
2	6	1	5			5	4		1	
3	10	8	2			4	2	2		
4	9	7	2			3	1	2		

GLEN BURNIE TOWN CENTER AND HCAT

GBTC

HCAT

🟧 Classrooms and Lecture Halls

🟪 Class Laboratories

⚪ Scheduled below 50% of WSCH Target
🔵 Scheduled 51% to 99% of WSCH Target
🔵 Scheduled 100% or more of WSCH Target

	Floor	Classrooms					Labs				
		Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target	Total	Not Scheduled	Up to 50% of WSCH Target	51% to 99% of WSCH Target	100% or more of WSCH Target
GBTC	1	1	1								
	2	4	2	2			4	3	1		
	3	2	1		1		3	1	1		1
	4	3	2	1			5	2	3		
	5	4		4			1		1		
HCAT	1	1	1				2	1	1		

GBTC Third Floor

GBTC Second Floor

GBTC First Floor

GBTC Fifth Floor

GBTC Fourth Floor

HCAT

(Scheduled independently of registrar or CEWD)

05. SPACE ASSESSMENT

CAMPUS INPUT

Starting in October 2024, the consulting team met with academic and non-academic user groups to discuss ideas and recommendations regarding current facility conditions and future programmatic goals. The consultants encouraged the groups to identify specific needs or academic program changes that could affect future space requirements.

The topics discussed included campus mission and image; student/faculty services and amenities; continuing education and community service; programmatic initiatives; departmental relationships and adjacencies; campus services; technology; and teaching environments. The information gathered during these sessions informed the development of project recommendations to address current and future needs.

SUMMARY OF INTERVIEWS

College-wide and General Topics

- User groups requested modifications to existing spaces:
  - Create study nooks and collaboration areas campuswide, like those in the HLSB.
  - Create department "homes" with distinct branding and displays.
  - Where possible, locate departments' key instructional and cultural spaces together to increase recognition and activity.
- When the SSVC is renovated as student engagement space, it should be envisioned as a complete student union. No administrative offices should be located there.
- A flat-floor meeting room with space for up to 150 seated individuals was requested. The space could be used for guest speakers and campus/community activities.
- The size of the bookstore could be reduced. Event staff were moved into offices adjacent to the bookstore. Events and bookstore staff do not need to be adjacent to one another.
- The Technology Learning Center and Tutoring have complementary roles and could be located in the same space.
- The Math Building is highly visible and accessible to students, staff, and visitors approaching academic buildings from the south parking

lots. If Math relocates, this building should house functions that are important to students.
- The AACC art collection does not have a home. There are two galleries and distributed storage spaces. A plan is needed to coordinate storage and display of the collection.

Offices
- Some departments' offices have become fragmented over time. Reuniting departments would be ideal.
- Faculty in offices with three or more workstations report they do not have appropriate sound isolation and privacy for student confidentiality.
- Some departments indicated they could reduce the size of their office suites due to the number of staff members who often work remotely.
- Strategic Communications requested additional space to store giveaway items.
- Strategic Communications staff often work remotely. They requested a communal collaboration space to utilize when teams are on-campus.

Clauson Center
- The proposed addition to the Clauson Center for Hotel, Culinary Arts & Tourism (HCAT) will meet that department's needs.
- Users of the Clauson Center suggested fine-tuning space now that it is open:
  - Ductwork for the exhaust system inhibits use of the Carpentry Lab for construction of full-sized mockups.
  - Pre-apprenticeship electrical and HVAC programs are filling quickly. Carpentry sections are not as in-demand. Lab scheduling and equipment may need to be rebalanced.

Athletics and Recreation
- Outdoor athletics spaces are adequate. The following improvements were requested:
  - Improve grading at baseball and softball fields
  - Provide a permanent press box at Siegert Field.
  - Ideally, provide artificial turf throughout
  - Provide a wall behind baseball home plate
- Additional outdoor recreation facilities were requested to supplement the busy fitness center.
- Additional storage was requested to serve athletics, recreation, and Health, Fitness & Exercise Studies academic programs.

Instructional Space
- Additional seminar-style lectures are planned. More classrooms will require flexible furnishings to accommodate this change.
- It was requested that one classroom be equipped with A/V technology to connect with other institutions in real time.
- Some faculty would make use of an outdoor classroom if it were created.
- Continuing Education and Workforce Development (CEWD) requested enhanced distance learning equipment so they can expand remote instruction offerings.
- CEWD requested access to additional flexible spaces, some equipped with a sink, for community education. Programs like floral design, personal fitness, and art are examples of classes that would use such a space.
- Dental Hygiene is a new program that started in space designed for Dental Assisting. If Dental Hygiene grows, it will need its own dedicated lab.
- Additional Fine Arts space was requested:
  - Storage for theater and music adjacent to the Pascal Center for Performing Arts.
  - Music Technology Lab (if program growth persists)
  - Additional space for printmaking

- Long-term, collocating visual arts instructional facilities in one building would be ideal.
- A permanent home for the Arts Integration Hub was requested. This Hub is a facility where faculty incorporate arts into non-art disciplines.

Arundel Mills and GBTC
- The TEACH Institute at Arundel Mills (AMIL) moved to CALT on the main campus in the fall of 2025.
- A space for the Parenting Center was requested at AMIL. This would be a room for behavioral specialists to meet with parents and children for evaluations. A 240 square foot room would be appropriate for these activities.
- When AACC moves back into GBTC after the HVAC replacement, the Testing Center must be included. AACC tests GED and ESL students. Testing and Assessment Services also offers hundreds of national certification exams through partners such as Pearson VUE.

Facilities, Planning, and Construction
- The Facilities, Planning, and Construction group requested additional conditioned storage space. The Barn is a large storage area but it does not have fire suppression or climate control.

POPULATION AND ENROLLMENT OUTLOOK

Anne Arundel Community College (AACC) plays a critical role in the education of Annapolis and Baltimore area residents. Intelligent.com is a service that compiles unbiased data from sources like the National Center for Education Statistics to assist students with their higher education choices. In 2024, Intelligent.com ranked AACC the number one community college in Maryland and the number three community college in the United States. AACC's online offerings led to a number twenty-two nationwide ranking in the 'Best Online Community Colleges and Trade Schools of 2025' category by Intelligent.com.

The College draws students from a catchment area that includes Anne Arundel, Prince George's, Baltimore, Howard, Montgomery, and Queen Anne's counties and Baltimore City. Over 80 percent of AACC's students come from Anne Arundel County, therefore population changes within the county affect AACC more than shifts in neighboring counties.

POPULATION PROJECTIONS

In Anne Arundel County, high school-age residents (ages 15-19) make up around 6% of the total population. In 2025, Anne Arundel County is estimated to have the fifth highest number of high-school age residents in Maryland, with around 35,600 people aged 15 to 19.

The age group of 15- to 19-year olds is expected to shrink slightly through 2036, but long-term the age group could grow by around 4,000 residents by 2045. By 2045, residents aged 30 to 34 and aged 50 to 54 will be the largest age groups in Anne Arundel County.

Maryland Population by County,
Ages 15-19

Source: opendata.maryland.gov
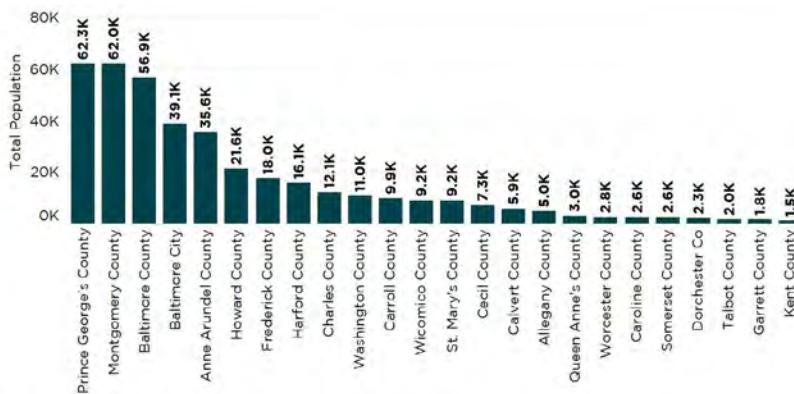
Population data source: Total Population Projections by Age, Sex and Race | Open Data | opendata.maryland.gov

2025 Anne Arundel County
Population by Age Group
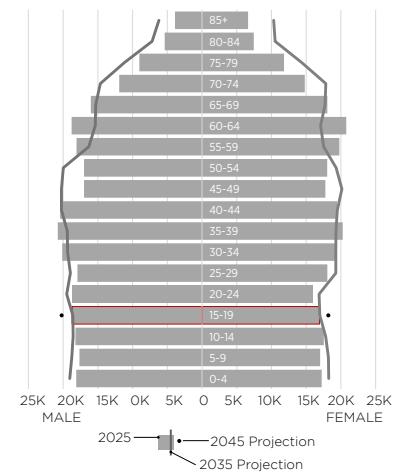
2023 AACC Enrollment by
Age Group
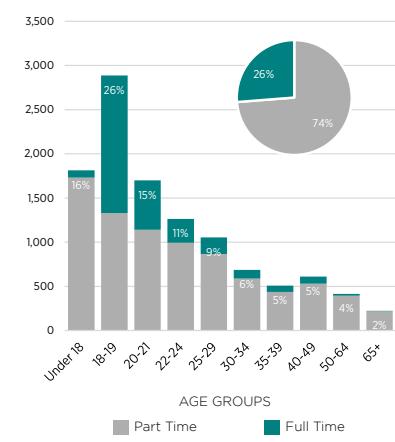
Anne Arundel County Population Projection

Age	2010	2015	2020	2025	2030	2035	2040	2045
0-4	35K	35K	35K	35K	36K	37K	39K	40K +16% +6K
5-9	34K	35K	35K	35K	36K	37K	38K	40K +15% +5K
10-14	35K	36K	36K	36K	35K	36K	38K	39K +11% +4K
15-19	34K	35K	35K	36K	36K	36K	37K	39K +13% +4K
20-24	35K	36K	35K	35K	36K	36K	37K	39K +10% +3K
25-29	37K	39K	37K	36K	36K	38K	39K	39K +6% +2K
30-34	35K	40K	41K	39K	38K	39K	40K	41K +17% +6K
35-39	36K	36K	40K	41K	40K	39K	39K	41K +14% +5K
40-44	40K	36K	35K	40K	41K	40K	39K	39K -1% 0K
45-49	45K	40K	35K	35K	40K	40K	39K	38K -14% -6K
50-54	42K	44K	39K	35K	34K	39K	40K	39K -6% -3K
55-59	36K	41K	43K	38K	34K	34K	39K	39K +10% +4K
60-64	31K	34K	37K	40K	36K	32K	32K	37K +21% +6K
65-69	22K	28K	30K	34K	36K	33K	30K	30K +37% +8K
70-74	15K	20K	25K	27K	30K	32K	30K	27K +86% +13K
75-79	11K	12K	16K	21K	23K	26K	28K	25K +129% +14K
80-84	8K	9K	10K	13K	16K	18K	20K	22K +162% +13K
85+	7K	9K	10K	11K	13K	17K	19K	22K +199% +15K

HIGH SCHOOL GRADUATE PROJECTIONS

In fall 2024, Anne Arundel County residents comprised 77 percent of AACC's fall 2024 first-time freshmen (Line 4 in the Catchment Zone Enrollment Opportunity Chart below). Comparing Line 3 and Line 4 shows 37 percent of Anne Arundel County public high school graduates continued on to AACC upon high school graduation.

Students aged 18 to 19 comprised 26 percent of AACC enrollment in 2023. Anne Arundel County is projected to lose population of 18- to 19-year-olds over the next decade. The Catchment Zone Enrollment chart below shows that, if historic enrollment patterns persist, modest population growth in counties neighboring Anne Arundel is unlikely to significantly increase AACC's first-time freshman enrollment through 2036.

Fall 2024 Enrollment, by Town/City
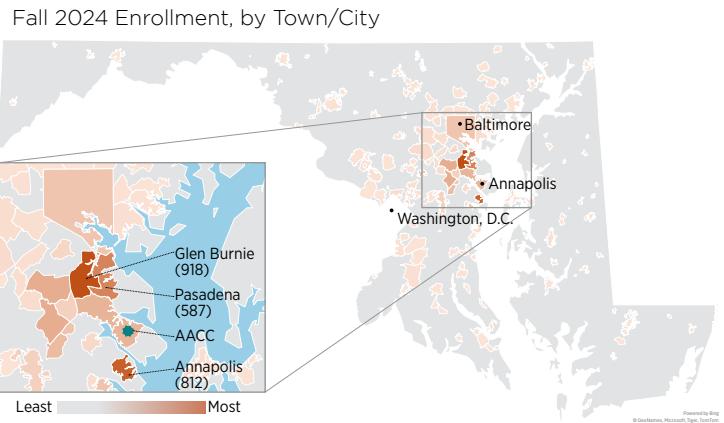
Catchment Population, 2023 Age 18-19
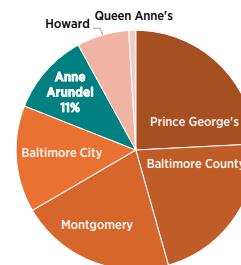
AACC First-Time Freshmen, Fall 2024
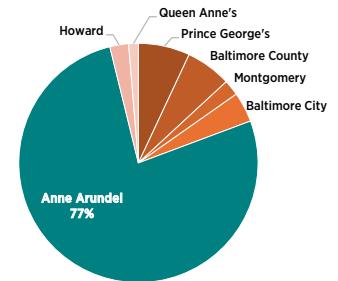
Catchment Zone Enrollment Opportunity, 2023 to 2036
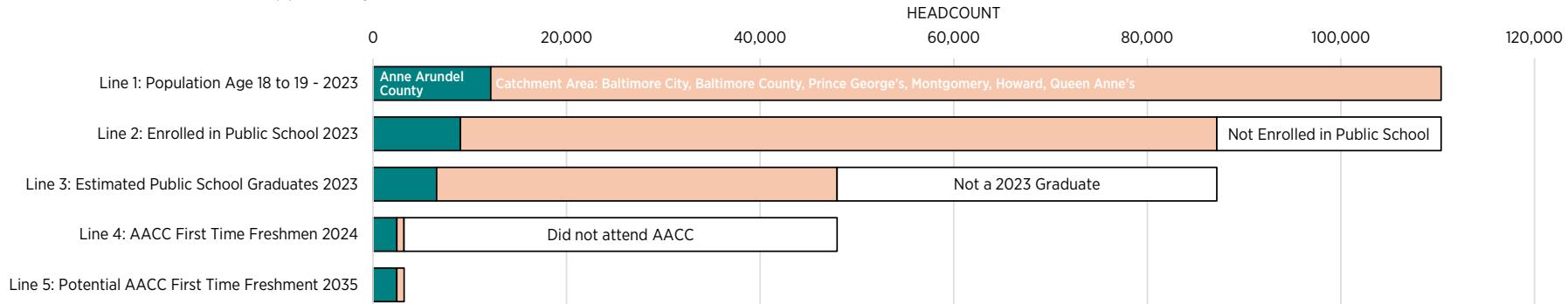
POPULATION-DRIVEN POTENTIAL GROWTH

In addition to Anne Arundel County, AACC's catchment area consists of Prince George's, Baltimore, Montgomery, Howard, and Queen Anne's counties and Baltimore City. Based on the projected 20-year growth of the 15-19 age group in the these counties, AACC could add an additional 279 first-time students between 2025 and 2045 if enrollment patterns are maintained. In the near-term, population projections suggest first-time student enrollment will remain steady.

Projected High School Graduates by County through 2045
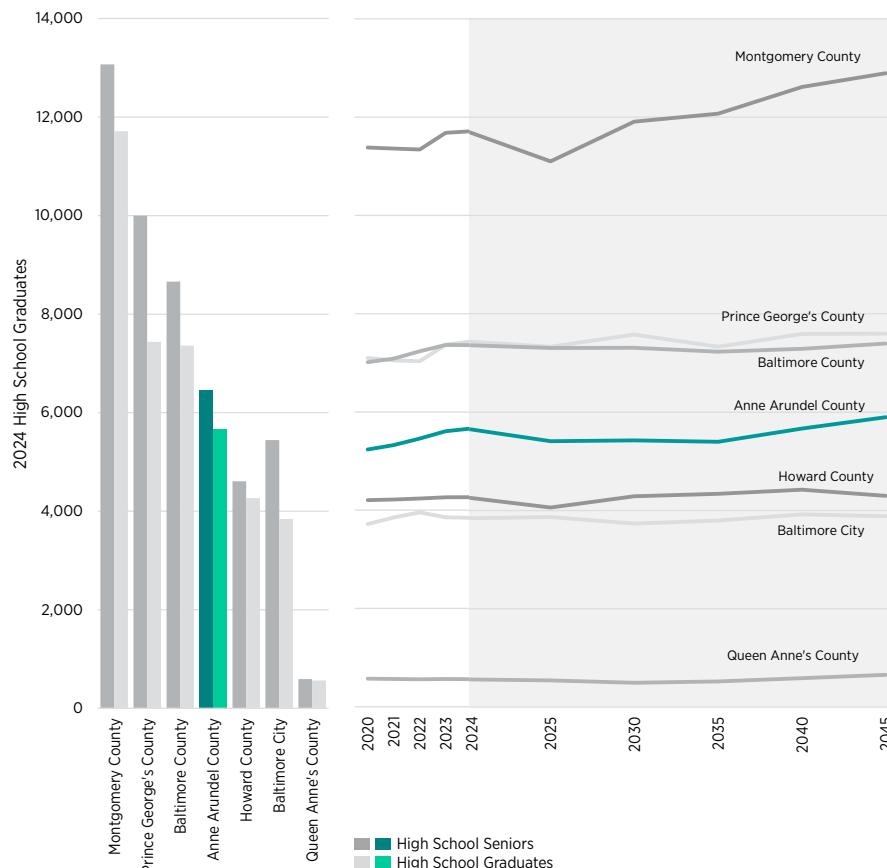
Percent AACC First Time Enrollment from Catchment Zone
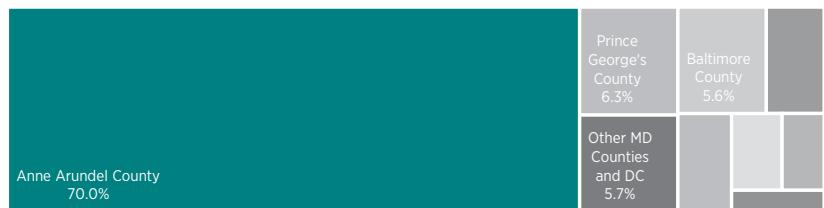
Potential AACC First Time Enrollment (Population-based model)
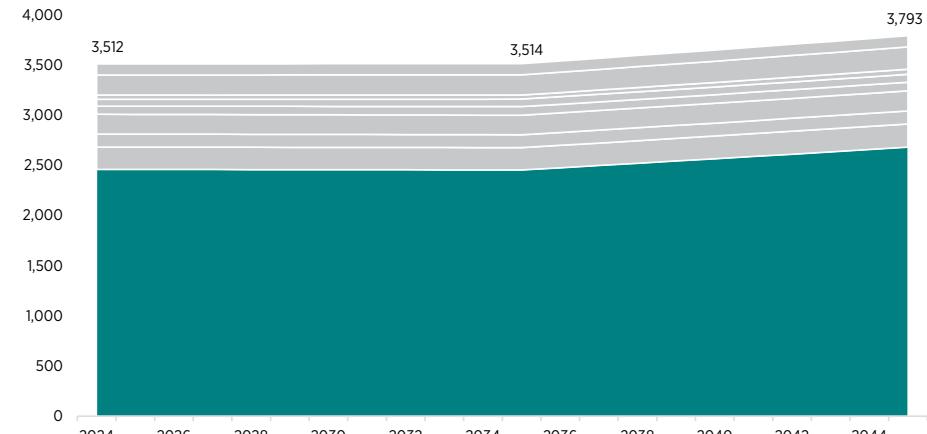
LONG-RANGE ENROLLMENT OUTLOOK

Based on population alone, AACC could lose 4.7 percent of overall headcount enrollment in the next decade and, potentially, regain headcount for a net growth of 4.1 percent by 2045. Additional factors, such as cost of four-year colleges, regional workforce demand, and the economy could prompt enrollment growth that exceeds the rate suggested by population change.

AACC should focus on increasing the number of students from its historical catchment area and highlighting its successful programs, particularly in Health Sciences and Skilled Trades.

Population-Based Enrollment Projection

4.7% AACC headcount loss

4.1% AACC headcount gain

Legend:
- Anne Arundel Community College
- Community College of Baltimore County
- Howard Community College
- Montgomery College
- Prince George's Community College
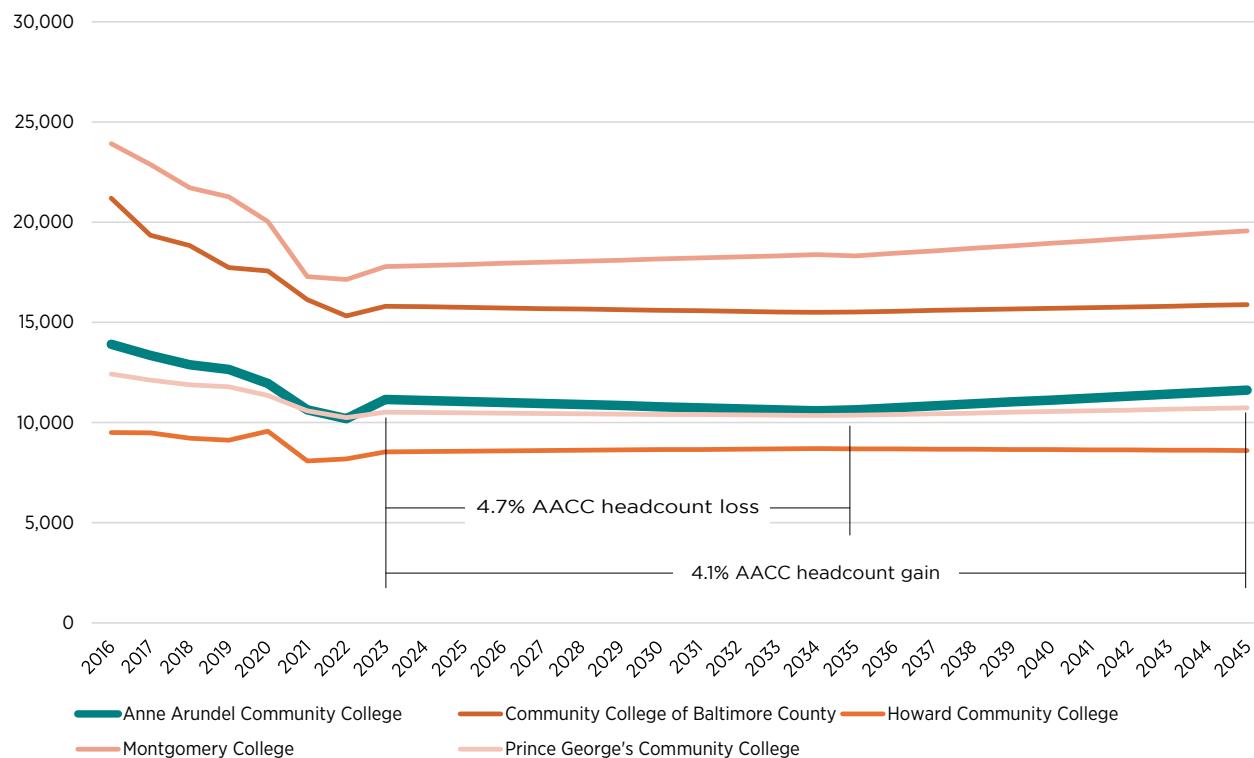
MARYLAND WORKFORCE OUTLOOK

Based on reports by the Maryland Department of Labor, computer and mathematical occupations are expected to see the most growth in employment between 2022 and 2032 (21 percent). Within this category the starting education level for almost 1,000 annual job openings is an A.A.S. degree. AACC offers 48 A.A.S. degrees, five of them in computer science disciplines.

In 2032, approximately 1,600 annual healthcare job openings requiring an A.A.S. degree are projected. AACC offers ten A.A.S. degrees in health

professions and related disciplines. Office and administrative support positions are expected to decrease over the next ten years. AACC offers nine A.A.S. degrees in Business Management and related disciplines.

Physical therapist assistant (PTA) jobs are expected to increase 30 percent in the next ten years, by almost 600 additional employees. AACC offers a PTA A.A.S. degree in cooperation with the Chesapeake Area Consortium for Higher Education. Occupational therapist assistants and veterinary technologists and technician jobs are also expected to increase over 25 percent. AACC does not offer these degree programs.

Major Occupational Groups Long-Term Projections Summary (2022-2032)

Percent gain/loss in job openings, 2022-2032	Occupational Group	Anticipated Job Openings (2032) by level of education
21.0%	Computer and Mathematical Occupations	16.3K
14.4%	Healthcare Support Occupations	17.5K
13.5%	Community and Social Service Occupations	6.4K
12.9%	Personal Care and Service Occupations	16.4K
12.0%	Educational Instruction and Library Occupations	23.3K
10.4%	Life, Physical, and Social Science Occupations	6.1K
10.3%	Healthcare Practitioners and Technical Occupations	13.1K
10.2%	Management Occupations	30.1K
9.3%	Business and Financial Operations Occupations	25.4K
8.8%	Legal Occupations	2.4K
8.4%	Architecture and Engineering Occupations	4.7K
8.3%	Transportation and Material Moving Occupations	33.0K
7.6%	Installation, Maintenance, and Repair Occupations	11.3K
7.4%	Arts, Design, Entertainment, Sports, and Media Occupations	5.3K
7.2%	Food Preparation and Serving Related Occupations	42.7K
7.0%	Construction and Extraction Occupations	14.0K
6.0%	Building and Grounds Cleaning and Maintenance Occupations	15.5K
5.9%	Farming, Fishing, and Forestry Occupations	1.0K
4.9%	Protective Service Occupations	10.3K
1.3%	Production Occupations	7.6K
0.6%	Sales and Related Occupations	31.7K
-3.5%	Office and Administrative Support Occupations	35.2K
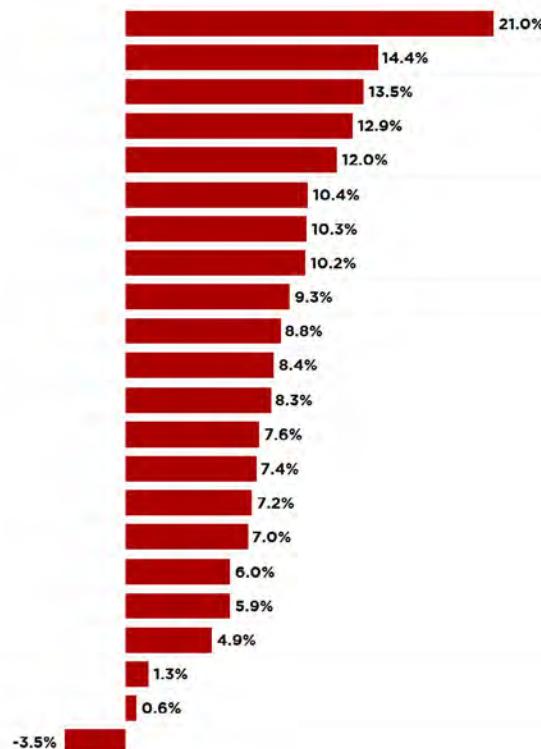
Education Value
- No Formal Educational Credential
- Less Than Associate's Degree
- Associate's Degree
- Above Bachelor's Degree

ANNE ARUNDEL COUNTY WORKFORCE OUTLOOK

Department of Labor projections at the county level did not include data about required education. The table below highlights in orange the occupations with the highest projected net growth and highest projected overall job openings. AACC has strong programs in business, computer science, and management. Its construction and trades programs are established and growing.

Food service jobs are expected to have the most total openings in 2032, yet entry level jobs in this field are frequently low-paying. AACC's degrees and training in culinary arts and hospitality will help graduates advance beyond entry level employment.

Jobs in transportation and material moving are a potential growth area in Anne Arundel County. The Community College of Baltimore County is the only local two-year public college offering associate degree programs in this category.

Occupational Outlook - Anne Arundel County 2022-2032

Occupation Title	Base Employment	Projection Employment	Numeric Change (net growth)	Percent Change	Replacement	Total Openings
Architecture and Engineering	6,906	7,656	750	10.90%	4,632	5,382
Arts, Design, Entertainment, Sports, and Media	4,846	5,146	300	6.20%	4,881	5,181
Building and Grounds Cleaning and Maintenance	9,501	10,177	676	7.10%	12,874	13,550
Business and Financial Operations	25,011	27,696	2,685	10.70%	20,685	23,370
Community and Social Service	4,742	5,347	605	12.80%	4,375	4,980
Computer and Mathematical	21,327	25,887	4,560	21.40%	13,707	18,267
Construction and Extraction	16,987	20,292	3,305	19.50%	15,830	19,135
Educational Instruction and Library	13,794	14,765	971	7.00%	14,509	15,480
Farming, Fishing, and Forestry	366	371	5	1.40%	544	549
Food Preparation and Serving Related	23,644	25,580	1,936	8.20%	46,581	48,517
Healthcare Practitioners and Technical	13,652	15,477	1,825	13.40%	8,039	9,864
Healthcare Support	8,319	9,629	1,310	15.80%	12,863	14,173
Installation, Maintenance, and Repair	11,758	12,844	1,086	9.20%	10,794	11,880
Legal	2,853	3,072	219	7.70%	1,896	2,115
Life, Physical, and Social Science	3,394	3,734	340	10.00%	2,903	3,243
Management	32,908	36,212	3,304	10.00%	25,529	28,833
Office and Administrative Support	38,014	37,018	-996	-2.60%	41,792	40,796
Personal Care and Service	10,659	11,968	1,309	12.30%	18,381	19,690
Production	5,472	5,640	168	3.10%	6,046	6,214
Protective Service	6,658	7,080	422	6.30%	8,508	8,930
Sales and Related	24,983	24,951	-32	-0.10%	33,251	33,219
Transportation and Material Moving	26,021	28,305	2,284	8.80%	34,050	36,334
Total	311,815	338,847	27,032	198.90%	342,670	369,702

Least   Most

POTENTIAL EFFECTS ON AACC ENROLLMENT

Despite the low-growth population outlook in Anne Arundel County through the 2030s, AACC could grow enrollment by strategically aligning academic programs with growing occupational categories. Based on steady net enrollment in transfer degrees, demand for skilled trades, computer science, and healthcare, AACC could achieve five percent enrollment growth in the next decade.

As the population ages and the number of high school graduates decreases over the next ten years, Continuing Education and Workforce Development programs that focus on seniors and individuals seeking second careers could also help AACC retain and grow enrollment.

TEN-YEAR PROJECTED ENROLLMENT

Building on the anticipated enrollment changes driven by population alone, JMZ and AACC collaborated on 10-year enrollment projections. The consultant's projections incorporated the MHEC enrollment projections (found in the organization's annual reports) and fine-tuned them based on workforce demand, institutional academic planning, and the College's most-recent enrollment reports.

MHEC's calculated enrollment growth suggests AACC could have 13,508 students (headcount) by fall 2033. This projection is based on AACC having 13,180 students enrolled in fall 2024. In this scenario, the College would grow by 2.5 percent in the next decade. While MHEC's 10-year rate of growth is reasonable, AACC enrolled only 11,481 students in fall 2024; this enrollment was used as the starting point for FMP projections.

The ten-year enrollment projections graph shows three growth scenarios for AACC. The blue line indicates the MHEC projection, which starts with 1,699 students more than the College's actual fall 2024 enrollment. To reach the resulting 13,508 headcount enrollment by 2033, AACC would need to grow 1.8 percent per year, roughly equivalent to the 18.1 percent jump shown between fall 2023 and fall 2024.

The orange line modifies the MHEC projection to start at AACC's actual fall 2024 headcount and achieve a 0.2 percent growth rate, annually, resulting in an additional 287 students by 2035. JMZ and the College feel this is the lowest potential growth rate for AACC. The regional employment outlook, grouped with the strength of the College's academic, continuing education, and workforce development programs, prompted the consultant to estimate 0.4 percent average annual enrollment growth through fall 2036. The total headcount gain would be 574 students, a 12-year growth rate of 5 percent.

Ten-Year Enrollment Projections: Comparison of Enrollment Scenarios
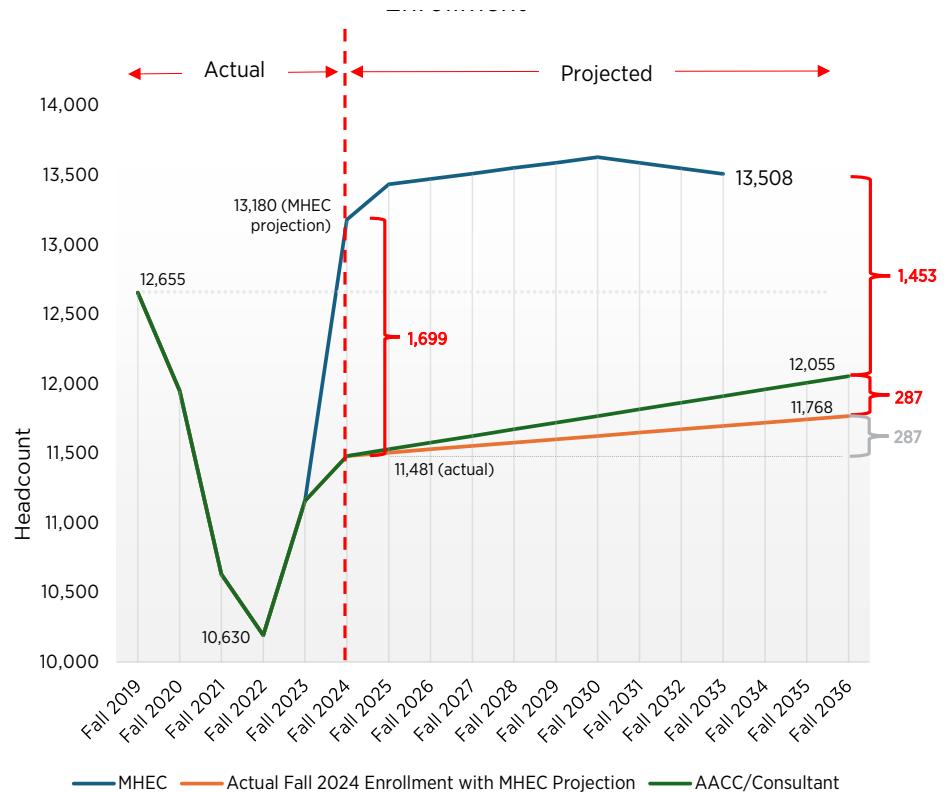
ACADEMIC PROGRAMS

In Fall 2024, AACC's five schools offered 166 degrees and certificates to help advance workforce development, career readiness, skills improvement, and transfer to four-year institutions. AACC students can pursue the following academic awards:

- The Associate of Arts (A.A.) transfer degree for liberal arts and fine arts.
- The Associate of Science (A.S.) transfer degree for science and technology.
- The Associate of Arts in Teaching (A.A.T.) transfer degree for baccalaureate teaching degrees and teacher certification.
- The Associate of Science in Engineering (A.S.E.) transfer degree for baccalaureate engineering degrees.
- Associate of Applied Science (A.A.S.) degrees for immediate employment.
- Certificates, which offer credentials for acquired knowledge, skills, and abilities focused in specific discipline areas.
- Professional Certificates, which are intended to help professionals build on current skills in a particular field. These certificate programs have an entry requirement of a completed bachelor's degree.
- Letters of Recognition, which are awarded to students who complete fewer than twelve credits in courses focused on acquisition of specific skill sets. Letters of Recognition are often part of certificate programs.

During the Middle States accreditation visit that occurred on March 12-15, 2023, the accreditation team visited the main campus in Arnold, as well as the college's other locations at 7009 Arundel Mills Circle in Hanover, 101 Crain Highway N. in Glen Burnie, and 7438 Governor Ritchie Highway in Glen Burnie to reaffirm AACC's accreditation.

ACADEMIC PROGRAM REVIEW

In 2024-2025, when this report was written, AACC was conducting a comprehensive Academic Program and Resources Review (APR) to assess the health and vitality of each degree and certificate in the college's academic portfolio. When complete, the APR assessment framework will include factors such as program headcount, persistence rate, number of programs, transfer rate, faculty to student credit hour ratios, employment outlook, and financial metrics.

The goals of the APR are to:

- Identify strengths in academic offerings
- Realize efficiencies to allow for reinvestment
- Meet student demand
- Move to data-driven decision-making
- Support continuous improvement

Decisions regarding the program array for the 2025-2026 academic year will use APR data. The APR includes the development of guidelines, processes, and procedures to update and formalize recommendations regarding hiring faculty, managing courses, and reviewing academic programs on a yearly basis. The ultimate goal is to ensure the long-term sustainability of AACC and its academic mission.

PROGRAM GROWTH AND CONTRACTION

At the time this FMP was written, detailed information about specific programs to be modified was not available. However, early results from the APR proposed guidelines for academic program consideration.

- Retain: these programs would be asked to share their 'success stories' related to enrollment trends and student success.
- Revise: these programs would be asked to detail changes designed to improve enrollment, engage students, and use market opportunities and employment outlooks to establish specific targets. Units would be asked to provide data-informed explanations regarding trends associated with enrollment and/or student success. Proposed new faculty hires in these areas would be tied to specified targets.
- Phase Out: program closure per college policies. Also, programs failing to move out of the 'revise' category after one year could be marked for discontinuance.

In January 2025, initial review results for the five schools were released outlining recommendations for their programs.

- Business & Law: 42 programs; 21 degrees and 21 certificates
  - Retain 16 (38.1 percent)
  - Revise 7 (16.7 percent)
  - Phase Out 19 (45.2 percent)
- Continuing Education and Workforce Development: 8 programs; 3 degrees and 5 certificates
  - Retain 3 (37.5 percent)
  - Revise 3 (37.5 percent)
  - Phase Out 2 (25 percent)
- Health Sciences: 23 programs; 14 degrees and 9 certificates
  - Retain 10 (43.5 percent)
  - Revise 10 (43.5 percent)
  - Phase Out 3 (13 percent)
- Liberal Arts: 30 programs; 22 degrees and 8 certificates
  - Retain 17 (56.7 percent)
  - Revise 6 (20 percent)
  - Phase Out 7 (23.3 percent)

- Science, Technology, and Education: 57 programs; 30 degrees and 27 certificates
  - Retain 41 (71.9 percent)
  - Revise 3 (5.3 percent)
  - Phase Out 13 (22.8 percent)

In summary, the APR reflects 90 degrees and 70 certificates for a total of 160 programs. The APR recommendations are to retain 86 (53.8 percent), revise 29 (18.1 percent), and phase out 44 (27.5 percent) programs. The College will begin implementing these recommendations during the 2025-2026 academic year. These changes will allow AACC to focus resources on programs that support student persistence and success, as well as regional workforce needs.

AACC tracks local, regional, and national trends to ensure course offerings reflect occupational trends. With the newly implemented APR, leadership will regularly review the College's course array and make modifications, as necessary, to align with workforce needs.

LARGEST PROGRAMS

Enrollment changes in AACC's academic programs were evaluated between fall 2020 and fall 2024. The listings at right show the top five programs (declared majors) in each school, based on data provided by the College.

Students at AACC (undeclared and declared majors) took and average of 8.0 credit hours in fall 2020 and average of 7.9 credit hours in fall 2024.

Results from the APR may vary slightly as that analysis takes many factors into account besides program headcount, such as persistence rate, transfer rate, faculty to student credit hour ratios, employment outlook, and financial metrics.

	Fall 2020 Headcount	Percent of School Enrollment	Fall 2024 Headcount	Percent of School Enrollment	Headcount Change	Percent Change	Average Student Credit Hour/Sem F2020	Average Student Credit Hour/Sem F2024
Business and Law								
Business Administration AS	565	30.33%	680	32.60%	115	20.35%	9.1	7.1
Paralegal Studies AAS	105	5.64%	144	6.90%	39	37.14%	8.3	5.0
Advertising and Marketing AAS	81	4.35%	131	6.28%	50	61.73%	8.9	7.2
Law Enforcement AAS	101	5.42%	107	5.13%	6	5.94%	8.5	6.1
Paralegal Studies Certificate	111	5.96%	91	4.36%	-20	-18.02%	7.6	4.0
Top Five, Percent of School		**51.7%**		**55.3%**				
Top Five, Average SCH/Semester							**8.9**	**6.5**
School, Average SCH/Semester							**8.0**	**6.3**
Continuing Education and Workforce Development								
Culinary Arts AAS	101	39.30%	99	37.79%	-2	-1.98%	6.5	5.9
Baking & Pastry AAS	72	28.02%	51	19.47%	-21	-29.17%	5.9	5.9
Hospitality AAS	37	14.40%	44	16.79%	7	18.92%	7.9	5.5
Baking & Pastry Certificate	14	5.45%	18	6.87%	4	28.57%	4.2	3.7
Culinary Arts Certificate	15	5.84%	18	6.87%	3	20.00%	4.4	4.9
Top Five, Percent of School		**93.0%**		**87.8%**				
Top Five, Average SCH/Semester							**6.3**	**5.6**
School, Average SCH/Semester							**6.2**	**5.5**
Health Science								
Nursing AS	1,060	38.29%	1,472	40.80%	412	38.87%	7.2	6.5
Radiologic Technology AAS	135	4.88%	391	10.84%	256	189.63%	5.8	5.5
Human Services AAS	88	3.18%	134	3.71%	46	52.27%	7.8	5.0
Kinesiology AS (New)			127	3.52%	127			6.7
Addiction Counseling AAS	86	3.11%	103	2.85%	17	19.77%	7.7	4.7
Top Five, Percent of School		**49.5%**		**61.7%**				
Top Five, Average SCH/Semester							**7.1**	**6.1**
School, Average SCH/Semester							**7.1**	**5.9**
Science, Technology & Education								
Computer Science AS	268	10.78%	427	11.99%	159	59.33%	9.3	6.7
Cybersecurity AAS	202	8.13%	284	7.98%	82	40.59%	8.7	6.4
Engineering AS	177	7.12%	254	7.13%	77	43.50%	8.7	7.2
Biology AS	160	6.44%	204	5.73%	44	27.50%	8.1	6.7
Elementary Special Education AAT	174	7.00%	198	5.56%	24	13.79%	9.0	5.4
Top Five, Percent of School		**39.5%**		**38.4%**				
Top Five, Average SCH/Semester							**8.8**	**6.5**
School, Average SCH/Semester							**8.3**	**6.3**
Liberal Arts								
Transfer Studies AA	1,888	67.84%	2,246	62.37%	358	18.96%	8.4	6.4
Psychology AA	260	9.34%	384	10.66%	124	47.69%	8.7	6.4
Graphic Arts - Web Design AA	40	1.44%	113	3.14%	73	182.50%	9.7	6.0
Studio Art AA	64	2.30%	106	2.94%	42	65.63%	7.8	6.4
Graphic Design AA	55	1.98%	85	2.36%	30	54.55%	7.6	5.5
Top Five, Percent of School		**82.9%**		**81.5%**				
Top Five, Average SCH/Semester							**8.4**	**6.3**
School, Average SCH/Semester							**8.4**	**6.3**
AACC, Average SCH/Semester							**8.0**	**7.9**

Largest Programs Fall 2024

FASTEST GROWING PROGRAMS

Enrollment changes in AACC's academic programs were evaluated between fall 2020 and fall 2024. The chart at right shows the 20 fastest-growing programs at AACC based on data provided by the College. Programs with fewer than 20 students in fall 2024 were excluded:

- New programs that are growing to fill their first cohort would show skewed, and likely unsustainable, percentages of growth. Cinema Arts A.A., Music A.A., and Web and Mobile App Development A.A.S. are examples of these programs.
- Older programs with fewer than 20 students that may be growing quickly are described separately.

Fifteen of the 20 fastest growing programs listed grew by 100 percent or more. Degrees that can be completed fully online are marked with a dot. Four out of the five fastest growing Business and Law programs are offered fully online. Paralegal Studies program growth reflects combining previously separate degrees and may not reflect a net gain over time.

SMALLEST PROGRAMS

The chart on the facing page shows programs that had between one and 20 students enrolled in fall 2020 and remained fewer than 20 students in fall 2024. The group includes 48 certificates and 29 degree programs.

- 11 Business & Law degrees
- 13 Business & Law certificates
- Four Hotel, Culinary Arts, and Tourism Institute certificates
- One Health Sciences degree
- Five Health Sciences certificates
- Six Liberal Arts degrees
- Three Liberal Arts certificates
- Ten Science, Technology & Education degrees
- 22 Science, Technology & Education certificates

	Fall 2020 Headcount	Fall 2024 Headcount	Headcount Change	Percent Change	Average Student Credit Hour/Sem F2020	Average Student Credit Hour/Sem F2024
Business and Law						
● Paralegal Studies AAS	26	144	118	453.85%	8.3	5.0
● Paralegal Studies Certificate	18	91	73	405.56%	7.6	4.0
● Cybercrime AAS	13	26	13	100.00%	6.8	5.8
Finance and Accounting Certificate	32	59	27	84.38%	5.6	5.3
Health Sciences						
Massage Therapy AAS	27	78	51	188.89%	7.1	4.4
Massage Therapy Certificate	17	47	30	176.47%	7.1	4.0
Radiologic Technology AAS	206	468	262	127.18%	5.8	5.5
Public Health AS	29	69	40	137.93%	8.5	5.4
Medical Assisting Certificate	21	47	26	123.81%	5.1	5.3
Practical Nursing Certificate	75	149	74	98.67%	6.9	6.2
Liberal Arts						
Graphic Design - Web Design AA	50	126	76	152.00%	9.7	6.0
Creative Writing AA	23	57	34	147.83%	8.2	5.5
American Sign Language AA	13	31	18	138.46%	10.3	5.3
Game Art and Design AA	37	71	34	91.89%	9.0	6.1
Science, Technology & Education						
Physics AS	8	36	28	350.00%	8.8	6.3
Pre Medicine Studies AS	66	152	86	130.30%	8.5	6.7
Environmental Science AS	42	96	54	128.57%	9.2	7.1
Mechatronics AAS	29	63	34	117.24%	8.3	7.5
Chemistry AS	31	60	29	93.55%	7.1	6.5
Interior Design and Architecture AAS	73	134	61	83.56%	10.6	5.8

● Degree can be completed fully online

Fastest Growing Programs Fall 2024

While some of the small programs have grown since 2020, others have stayed consistently small over the past five years. Thirty-nine programs had net enrollment change of three students or fewer.

The group contains 47 certificate programs, which typically share space and resources with degree programs. Using space resources for these low-enrollment programs may not be problematic.

The Astronomy A.S., Earth Science A.S., Plant Science A.S., and Dance A.A. degrees were the only small programs with exclusive use of specialized space.

	Fall 2020 Headcount	Fall 2024 Headcount	Headcount Change	Percent Change
Business and Law				
Business Communications Certificate	8	16	8	100.00%
Social Justice AAS	8	12	4	50.00%
Human Resources Certificate	10	12	2	20.00%
Entrepreneurship Certificate	12	12	0	0.00%
Leadership Certificate	8	11	3	37.50%
Database Administration AAS	13	10	-3	-23.08%
Database Development AAS	5	10	5	100.00%
Advertising and Marketing Certificate	6	9	3	50.00%
Juvenile Justice AAS	10	7	-3	-30.00%
Small Business Management Certificate	11	7	-4	-36.36%
Business Transfer AA	12	6	-6	-50.00%
Police Academy Certificate	9	5	-4	-44.44%
Office Management Certificate	7	4	-3	-42.86%
Supply Chain Management Certificate	5	4	-1	-20.00%
Criminal Justice Transfer AA	9	3	-6	-66.67%
Transportation Border Security AAS	8	3	-5	-62.50%
Paralegal AAS	16	3	-13	-81.25%
Cybercrime Certificate	3	3	0	0.00%
Internet App Development AAS	12	2	-10	-83.33%
Human Resources Transfer AA	3	1	-2	-66.67%
Mobile App Development AAS	4	1	-3	-75.00%
Finance and Accounting Certificate	13	1	-12	-92.31%
Health Care Professional Certificate	2	1	-1	-50.00%
Transportation Management Certificate	9	1	-8	-88.89%
Continuing Education and Workforce Development				
Baking and Pastry Certificate	14	18	4	28.57%
Culinary Art Certificate	15	18	3	20.00%
Cooking and Baking Certificate	3	17	14	466.67%
Event Planning and Catering Certificate	6	12	6	100.00%
Liberal Arts				
Web Design AAS	10	13	3	30.00%
Social Sciences AA	6	8	2	33.33%
Game Development Certificate	8	7	-1	-12.50%
Dance AA	9	6	-3	-33.33%
Art AA	3	5	2	66.67%
Gender Studies AA	4	2	-2	-50.00%
Gender Studies Certificate	5	2	-3	-60.00%
Web Design Certificate	7	2	-5	-71.43%
Visual Design AA	6	1	-5	-83.33%

	Fall 2020 Headcount	Fall 2024 Headcount	Headcount Change	Percent Change
Health Sciences				
Medical Coding Certificate	6	17	11	183.33%
Medical Laboratory Assistant Certificate	7	11	4	57.14%
Personal Trainer Certificate	11	9	-2	-18.18%
Medical Assisting - EKG Certificate	8	7	-1	-12.50%
Health and Human Serv. Transfer AA	11	6	-5	-45.45%
Interprofessional Collaboration Certificate	7	1	-6	-85.71%
Science, Technology & Education				
Network Security Certificate	11	20	9	81.82%
Plant Science AS	11	19	8	72.73%
Computer Aided Design Certificate	12	17	5	41.67%
Advanced Network Security Certificate	5	16	11	220.00%
Astronomy AS	14	14	0	0.00%
Digital Forensics Certificate	11	13	2	18.18%
Computer Programming Certificate	5	11	6	120.00%
Mechatronics Certificate	4	11	7	175.00%
Earth Science AS	15	9	-6	-40.00%
Construction Management Certificate	13	9	-4	-30.77%
Cisco Certified Network Associate Certificate	2	9	7	350.00%
Cybertechnology Certificate	5	9	4	80.00%
Architecture and Interior Design AA	5	8	3	60.00%
Data Administration Certificate	3	8	5	166.67%
Electrical Technology Certificate	3	8	5	166.67%
Landscape Design Certificate	1	7	6	600.00%
Technology Transfer AA	14	6	-8	-57.14%
Advanced Interior Design Certificate	1	4	3	300.00%
Database Development Certificate	4	4	0	0.00%
Ecosystem Restoration Certificate	1	4	3	300.00%
Science Transfer AA	6	3	-3	-50.00%
Illustration Certificate	2	3	1	50.00%
Microsoft Certificate	4	3	-1	-25.00%
Unix Linux Systems Certificate	6	3	-3	-50.00%
Engineering Materials AA	9	2	-7	-77.78%
Mobile Device Security Certificate	2	2	0	0.00%
Server Systems Certificate	2	2	0	0.00%
Secondary Education - Math AAT	14	2	-12	-85.71%
Secondary Education - Chemistry AAT	4	1	-3	-75.00%
Environmental Science AS	1	1	0	0.00%
Computer Help Desk Certificate	2	1	-1	-50.00%
Environmental Monitoring Certificate	1	1	0	0.00%

Smallest Programs Fall 2024

FASTEST DECLINING PROGRAMS

All of the twenty fastest declining programs lost more than 23 percent of their enrollment in the past five years. Ten of the smallest programs are also among the fastest declining programs, and are listed on the Smallest Programs table with italics. Some of these degrees may be part of an effort to restructure programs. The Academic Program Review, when complete, may recommend some of these fast-declining programs to be combined with other programs or phased-out. In addition to the ten in the Smallest Programs table, the following programs lost high percentages of enrollment:

- Health, Fitness & Exercise AS (-90.3%)
- Education Transfer AA (-72.1%)
- Office Management AAS (-57.1%)
- Surgical Technology-S AAS (-45.2%)
- Police Academy AAS (-40.0%)
- Business Leadership AAS (-36.4%)
- Physical Therapist Assistant AAS (-34.3%)
- Homeland Security Intelligence Analyst AAS (-32.7%)
- Baking and Pastry AAS (-29.2%)
- Finance and Accounting (-25.6%)

It is unclear how the COVID-19 pandemic may have affected these programs. The ongoing APR may provide insights into whether these programs remain viable.

BUILD ON AACC'S STRENGTHS

The College has demonstrated its ability to meet the workforce demands of regional businesses and industries, establishing itself as the County's primary resource for health professions training, cybersecurity education, liberal arts transfer degrees, and STEM career and transfer programs. AACC's arts and humanities offerings complement the College's STEM curriculum, positioning AACC as a vital community resource for Science, Technology, Engineering, Arts, and Math (STEAM) education.

AACC is renowned as an exceptional educational institution that responsibly manages County resources. By strategically expanding successful academic programs and reinvesting funds into high-performing areas, the College will continue to strengthen its reputation and enhance its capacity to serve County residents.

Skilled building trades are expected to see moderate job growth over the next decade, in addition to job openings due to retirements and replacements. Many of these roles, such as welders and pipefitters, offer competitive pay. As the CCIT programs fill cohorts, AACC will fine-tune offerings to further support Anne Arundel County's workforce needs.

SPACE NEEDS ANALYSIS

Space needs calculations are the first step in developing capital project recommendations. The following components contribute to space need calculations for Maryland Community Colleges:

- Existing space allocation
- Instructional space utilization
- Maryland Higher Education Commission (MHEC) space use guidelines
- 10-year projected enrollment
- 10-year projected faculty and staff

Once calculated space need is determined, the planners overlay academic needs, space suitability, and identified facilities maintenance needs to arrive at project recommendations.

EXISTING SPACE ALLOCATION

Since the last Facilities Master Plan, AACC has both constructed and decommissioned space. The result was a net space increase of 47,510 net assignable square feet (NASF) between 2015 and 2025, based on space inventory tables reported to Maryland every year. The new 108,947 NASF Health and Life Sciences Building added instructional space, social space, clinic space, and offices. The Schwartz Building, an aging and underutilized academic building, and the Swimming Pool, a facility that was costly to maintain, had low utilization, and required modernization, were demolished. A temporary modular building was removed from active use and relocated to the south edge of campus. It was removed from campus in 2025.

Over the same period, enrollment declined. There were 2,341 fewer full-time daytime equivalent students (FTDE) reported in the 2025 table than there in the 2015 table, resulting in an increase in the assignable area per FTDE.

Space Allocation Changes 2015-2024 (NASF)
Sources: CC-3 Tables, 2015 and 2025

	2015	2025	Change	Change %
Classrooms	102,832	99,811	(3,021)	-2.9%
Laboratories	190,701	221,949	31,248	16.4%
Offices	156,560	173,349	16,789	10.7%
Library/Study	34,188	37,034	2,846	8.3%
Special Use, including Athletics	38,262	29,714	(8,548)	-22.3%
General Use, including Assembly	57,149	67,150	10,001	17.5%
Building Service & Support	46,750	44,944	(1,806)	-3.9%
Student Health Clinic	531	532	1	0.2%
Total NASF	**626,973**	**674,483**	**47,510**	*7.6%*
Fall FTDE	5,322	2,981	(2,341)	-44.0%
NASF per FTE	118	226	108	92.1%
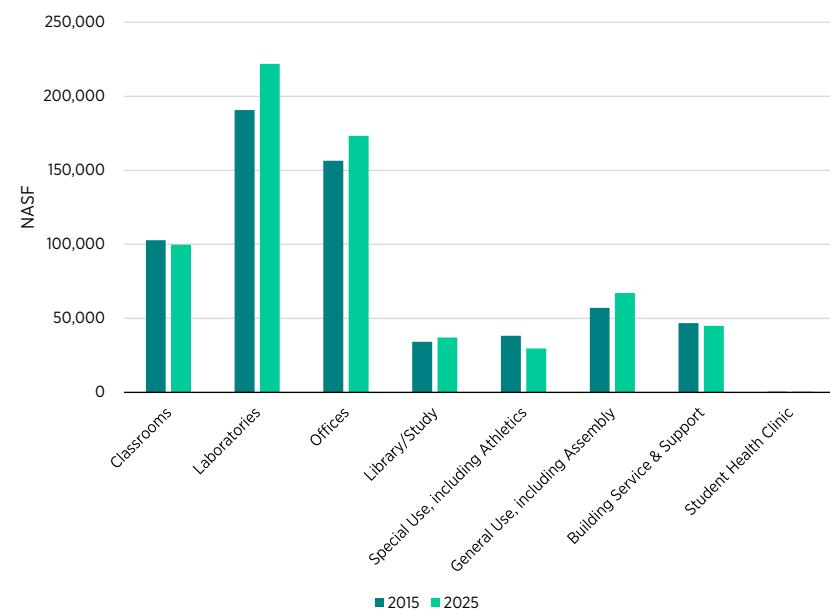
AACC SPACE ALLOCATION COMPARED TO OTHER MARYLAND COMMUNITY COLLEGES

Between 2016 and 2022, Maryland's 16 two-year public colleges experienced a 21.9 percent decline in fall headcount enrollment. AACC performed similarly to its peers, losing 23.5 percent fall headcount between 2016 and 2021. The College rebounded between fall 2021 and fall 2023, gaining 528 students. Despite that gain, AACC had 3,274 fewer students in fall 2023 than it had in fall 2016.

Post-pandemic, the percentage of students taking online courses remained higher than the pre-pandemic trend would have suggested. Montgomery College is the only institution that reported 2023 online enrollment that aligns with its pre-pandemic trend.

The Maryland Association of Community Colleges publishes an annual data book on the state's 16 public two-year colleges. Evaluating the on-campus square footage of AACC facilities compared to the system shows the impact of recent capital projects.

- Enrollment in Maryland community colleges and AACC followed roughly the same gain/loss trend between 2016 and 2022.
- The College has a higher percentage of students participating in online instruction than the Maryland community college average and AACC's regional peers.
- In 2016, AACC's NASF per headcount was well below the average of other Maryland community colleges. It had the lowest space allocation per student of its regional peers. When the new Health and Life Sciences Building was constructed, AACC's space allocation per student increased.
- AACC's classroom allocation per student nearly matches the state average and is close to the allocations of Montgomery College, Community College of Baltimore County, and Prince George's Community College.
- The College's 2024 laboratory allocation exceeds the system average and is close to the Montgomery College allocation.
- AACC has less space per student than the state average in all other space categories except for Support/Service space.

Maryland Community College Enrollment, Headcount
Source: IPEDS
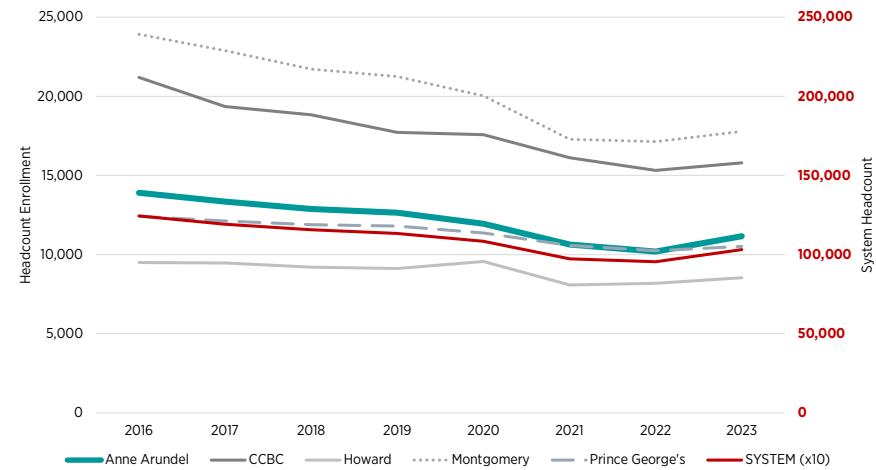
Percent Students participating in any Online Instruction, Headcount
Source: IPEDS
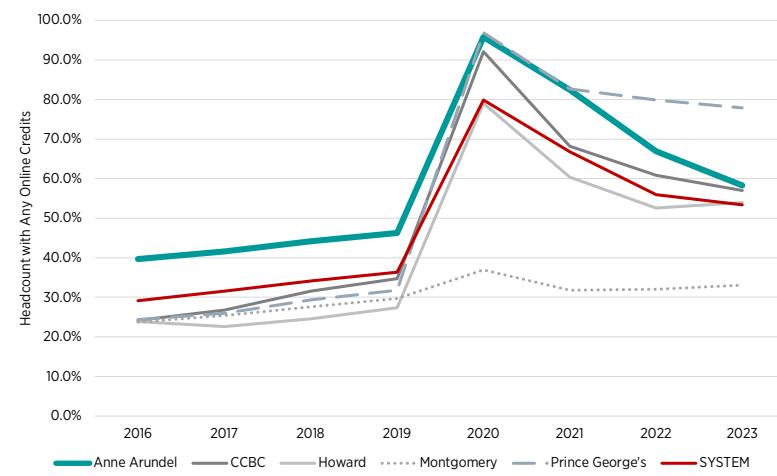
Total NASF per Headcount
Source: MACC Data Books (2017-2022)
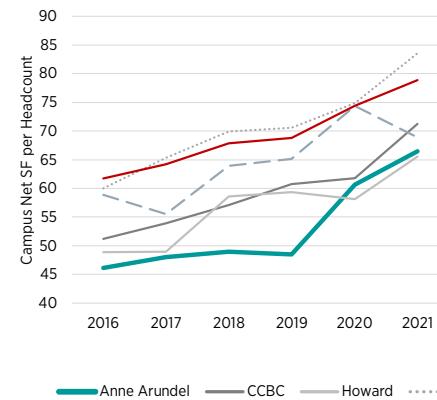
Class Laboratory NASF per Headcount
Source: MACC Data Books
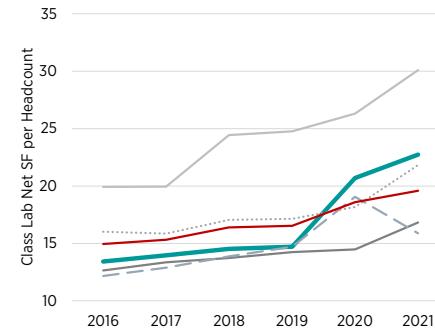
Study NASF per Headcount
Source: MACC Data Books

General Use NASF per Headcount
Source: MACC Data Books

Legend: Anne Arundel — CCBC — Howard — Montgomery — Prince George's — SYSTEM
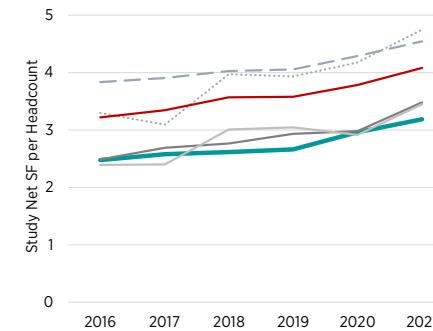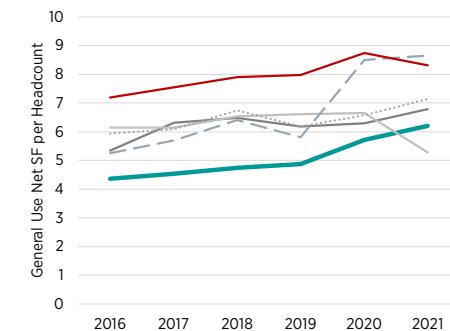
Classroom NASF per Headcount
Source: MACC Data Books
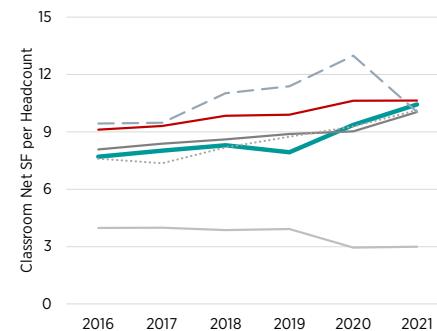
Office NASF per Headcount
Source: MACC Data Books
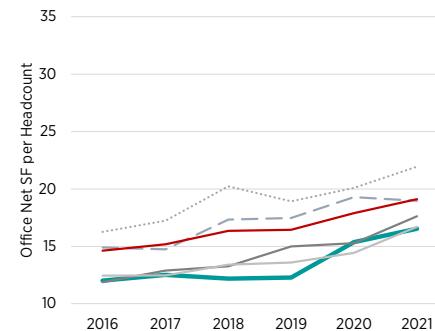
Special Use NASF per Headcount
Source: MACC Data Books
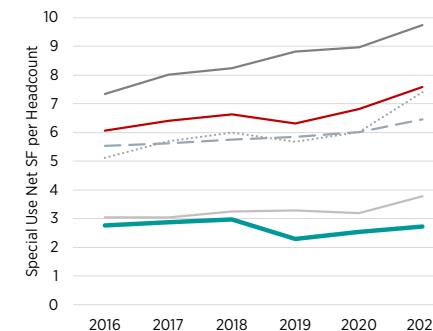
Support/Service NASF per Headcount
Source: MACC Data Books
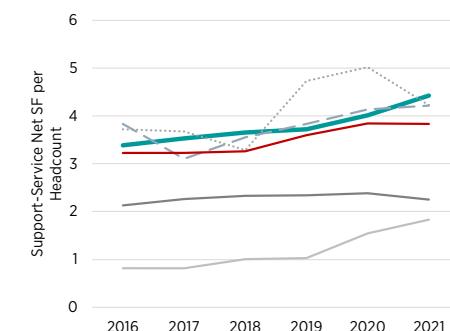
Legend: Anne Arundel — CCBC — Howard — Montgomery — Prince George's — SYSTEM

ENROLLMENT PROJECTIONS

MARYLAND HIGHER EDUCATION COMMISSION GUIDELINES

Title 13b.07.05.02 of the MHEC capital guidelines for community colleges identifies two size classifications for the purposes of applying space allocation guidelines: colleges with 3,000 and under FTDE (small) and those with 3,001 and up FTDE (large). Large colleges are permitted to have additional space per station in classrooms, but have higher hourly use and seat fill targets. In laboratories, large colleges are expected to achieve three more hours per week of lab use than small colleges.

Projected enrollment growth could reach 3,130 FTDE by 2036, shifting AACC into the large college category for the first time since 2019.

HEADCOUNT

Headcount projections were tabulated in aggregate and by school. Growth rates for each school were based on past performance, stakeholder interviews, and discussions with AACC academic leadership. Population change and workforce demand and potential job growth were considered, as described in pages 72 to 79 of this report.

STUDENT CREDIT HOUR, FULL-TIME EQUIVALENT, AND FULL-TIME DAY EQUIVALENT PROJECTIONS

The projected increase in headcount will have an effect on the number of student credit hours (SCH) generated in future years. SCH measures the total number of hours needed for completing the requirements of a degree, certificate, or other award. The calculation for one full-time student equivalent (FTE) is SCH divided by 15. Total SCH decreased by 11.2 percent between fall 2019 and fall 2024. By fall 2036, the projected five percent increase in student headcount is expected to generate an equivalent increase in SCH, as shown at right.

The percentage of instruction delivered online affects on-campus space needs. In fall 2019, pre-COVID, AACC delivered 28.3 percent of its course material online. In fall 2024, that percentage had risen to 43.4 percent, surpassing the 2021 goal of 42 percent online instruction. AACC leadership plans to maintain the current level of online course delivery through the next decade.

By fall 2036, total FTE is projected to be 7,448. In fall 2019, the total on-campus full time day equivalent (FTE before 5:00 PM) reached 4,175. With the significant increase in online education between fall 2019 and fall 2024, on-campus full time day equivalent (FTDE) dropped by 28.6 percent to 2,981. By fall 2036, AACC expects on-campus FTDE to be 3,130, which is 25 percent less than in fall 2019.

Full-time and Part-time Headcount Enrollment

	Actual						5-yr	Projected	5-yr	Projected	12-yr
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	Change	Fall '29	Change	Fall '36	Change
Total											
FT Headcount (Traditional Student)	3,604	3,188	2,726	2,842	2,929	2,984	-17.2%	3,046	2.1%	3,133	5.0%
PT Headcount (Traditional Student)	9,051	8,760	7,904	7,350	8,229	8,497	-6.1%	8,674	2.1%	8,922	5.0%
Total Enrollment	**12,655**	**11,948**	**10,630**	**10,192**	**11,158**	**11,481**	**-9.3%**	**11,720**	**2.1%**	**12,055**	**5.0%**
% Full-time	28%	27%	26%	28%	26%	26%		26%		26%	
% Part-time	72%	73%	74%	72%	74%	74%		74%		74%	

	Actual						2024	Projected	5-yr	Projected	12-yr %
Headcount by School	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	% Total	Fall '29	% Change	Fall '36	Change
Headcount Totals	**12,655**	**11,947**	**10,630**	**10,192**	**11,158**	**11,481**		**11,720**	**2.1%**	**12,055**	**5.0%**
School of Health Sciences	2,530	2,564	2,211	2,100	2,176	2,568	22.4%	2,598	1.2%	2,640	2.8%
School of Business and Law	1,823	1,764	1,578	1,469	1,450	1,458	12.7%	1,485	1.9%	1,524	4.5%
School of Liberal Arts	5,659	5,002	4,569	4,383	5,142	4,944	43.1%	5,036	1.9%	5,164	4.5%
School of Science, Tech, and Engineering	2,398	2,408	2,090	2,065	2,184	2,320	20.2%	2,407	3.8%	2,529	9.0%
School of Cont. Ed. and Workforce Dev.	245	209	182	175	206	191	1.7%	194	1.7%	199	4.0%

SCH, FTE, and FTDE Totals

	Actual						5-yr %	Projected	5-yr %	Projected	12-yr %
Headcount Totals	12,655	11,948	10,630	10,192	11,158	11,481		11,720		12,055	
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	Change	Fall '29	Change	Fall '36	Change
Total SCH	**101,845**	**95,550**	**82,151**	**81,471**	**86,240**	**93,405**	-8.3%	**95,351**	2.0%	**98,075**	5.0%
Avg SCH per Headcount	8.0	8.0	7.7	8.0	7.7	8.1	1.1%	8.1		8.1	
Eligible Non-Credit FTEs					956.0	866.0		884.0		909.3	5.0%
Total FTE	6,790	6,370	5,477	5,431	6,705	7,093	4.5%	7,241	2.0%	7,448	5.0%
On-Campus SCH	69,303	3,947	20,690	39,722	46,060	49,283	-28.9%	50,310	2.1%	51,747	5.0%
Distance Learning SCH	28,857	90,802	60,153	40,756	38,909	42,675	47.9%	43,564	2.1%	44,809	5.0%
Off-Campus SCH	3,685	801	1,308	993	1,271	1,447	-60.7%	1,477	2.1%	1,519	5.0%
Total SCH	**101,845**	**95,550**	**82,151**	**81,471**	**86,240**	**93,405**	-8.3%	**95,351**	2.1%	**98,075**	5.0%
% On-Campus	68.0%	4.1%	25.2%	48.8%	53.4%	52.8%		52.8%		52.8%	
% Distance Learning	28.3%	95.0%	73.2%	50.0%	45.1%	45.7%		45.7%		45.7%	
Day SCH (w/o DistLrg)	62,629	4,680	19,297	36,539	42,525	45,778	-26.9%	46,732	2.1%	48,067	5.0%
Distance Learning SCH	28,857	90,802	60,153	41,076	38,909	42,675	47.9%	43,564	2.1%	44,809	5.0%
Evening SCH	10,359	68	1,737	3,570	4,806	4,952	-52.2%	5,055	2.1%	5,200	5.0%
Undetermined (Recital, Rotation)	0	0	964	286	1,862	366		374	2.1%	384	5.0%
Total SCH	**101,845**	**95,550**	**82,151**	**81,471**	**86,240**	**93,405**	-8.3%	**95,351**	2.1%	**98,075**	5.0%
% Day w/o DistLrg	61%	5%	23%	45%	49%	49%				49%	
On-Campus Day SCH	59,595	3,879	18,735	35,664	41,311	44,335	-25.6%	45,259	2.1%	46,552	5.0%
Eligible Noncredit FTEs					371	373		381		392	5.0%
Off-Campus Day SCH	3,034	801	562	875	1,214	1,443	-52.4%	1,473	2.1%	1,515	5.0%
Total Day SCH w/o Dist. Lrng.	**62,629**	**4,680**	**19,297**	**36,539**	**42,525**	**45,778**	-26.9%	**46,732**	2.1%	**48,067**	5.0%
% Day SCH of Total SCH	58.5%	4.1%	22.8%	43.8%	47.9%	47.5%		47.5%		47.5%	
% Day Off-Campus SCH of Total SCH	3.0%	0.8%	0.7%	1.1%	1.4%	1.5%		1.5%		1.5%	
Total On-Campus FTDE	**4,175**	**312**	**1,286**	**2,436**	**2,779**	**2,981**	-28.6%	**3,043**	2.1%	**3,130**	5.0%

SCH and FTDE Totals by School

	Actual						5-yr %	Projected	5-yr %	Projected	12-yr %
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	Change	Fall '29	Change	Fall '36	Change
Total SCH by School	**101,845**	**95,550**	**82,151**	**81,471**	**86,240**	**93,405**	**-8.3%**	**95,351**	2.1%	**98,075**	**5.0%**
School of Health Sciences	12,398	12,135	11,163	10,928	11,384	13,450	8.5%	13,607	1.2%	13,827	2.8%
School of Business and Law	11,491	11,352	9,718	9,267	10,349	11,115	-3.3%	11,314	1.8%	11,593	4.3%
School of Liberal Arts	50,734	44,512	37,369	40,816	42,948	44,741	-11.8%	45,488	1.7%	46,535	4.0%
School of Science, Tech, and Education	25,914	26,267	22,778	19,486	20,439	22,884	-11.7%	23,724	3.7%	24,900	8.8%
School of Cont. Ed. and Workforce Dev.	1,308	1,284	1,123	974	1,121	1,214	-7.2%	1,217	0.2%	1,221	0.6%

	Actual						5-yr %	Projected	5-yr %	Projected	12-yr %
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	Change	Fall '29	Change	Fall '36	Change
Total Day SCH by School*	**62,629**	**4,680**	**19,297**	**36,539**	**42,525**	**45,778**	**-26.9%**	**46,732**	2.1%	**48,067**	**5.0%**
School of Health Sciences	8,180	4,231	5,007	6,732	7,294	8,286	1.3%	8,371	1.0%	8,491	2.5%
School of Business and Law	5,304	183	1,753	3,329	4,074	3,983	-24.9%	4,058	1.9%	4,162	4.5%
School of Liberal Arts	33,815	185	8,547	17,923	21,008	21,790	-35.6%	22,163	1.7%	22,686	4.1%
School of Science, Tech, and Education	14,784	81	3,690	8,178	9,703	11,216	-24.1%	11,632	3.7%	12,214	8.9%
School of Cont. Ed. and Workforce Dev.	546		300	377	446	504	-7.8%	508	0.9%	514	2.1%

* Excludes Online and Evening Sections

	Actual						5-yr %	Projected	5-yr %	Projected	12-yr %
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24	Change	Fall '29	Change	Fall '36	Change
Total FTDE by School	**4,175**	**312**	**1,286**	**2,436**	**2,779**	**2,981**	**-28.6%**	**3,043**	2.1%	**3,130**	**5.0%**
School of Health Sciences	545	282	334	449	478	539	-1.1%	545	1.0%	553	2.5%
School of Business and Law	354	12	117	222	267	259	-26.7%	264	1.9%	271	4.5%
School of Liberal Arts	2,254	12	570	1,195	1,373	1,419	-37.1%	1,443	1.7%	1,477	4.1%
School of Science, Tech, and Education	986	5	246	545	634	730	-25.9%	757	3.7%	795	8.9%
School of Cont. Ed. and Workforce Dev.	36	-	20	25	28	33	-9.9%	33	0.9%	33	2.1%

INSTRUCTIONAL DEMAND PROJECTIONS

Space allocations for classrooms and teaching laboratories are based on projections of weekly student contact hours (WSCH). A WSCH is a measure of one student occupying one seat for one hour. It is a reflection of time spent on-campus, in class. WSCH do not include unscheduled hours in classrooms and laboratories, even if that time is required.

In 2024, MHEC changed its data reporting requirements to include eligible noncredit class WSCH in the calculations for instructional space needs. The recently revised MHEC CC S-6 Supplemental Worksheet form reflects these changes. The formula for calculating eligible noncredit WSCH involves adjusting contact hours to reflect the duration of the class. Eligible noncredit 'FTEs' are added to credit FTE to determine the FTE used in space needs calculations. FTDE are approximated in a similar manner and added to credit FTDE for space calculations.

Another change in the way MHEC calculates WSCH involves where the instruction is delivered. The new S-6 form requires data for Main Campus and other college sites to be entered separately from WSCH delivered off-campus and at non-college sites. This is to ensure that only WSCH delivered on the Main Campus and at college sites are included for instructional space calculations.

However, non-instructional campus resources should be sized to serve the entire AACC student body, regardless of instruction location. For example, students attending AACC classes at Fort Meade may need access to the library, student services offices, and assembly spaces on the Main Campus. MHEC's recent changes to the S-6 form include on-campus and off-campus FTE and FTDE toward calculations for these space types.

Of the 66,298 WSCH delivered in fall 2024, roughly 61 percent were lecture-based and 39 percent were lab-based.

Based on projected FTE growth, total WSCH are anticipated to increase to 69,613 by fall 2036 (five percent growth).

- Lecture WSCH will increase from 40,593 to 42,196.
- Lab WSCH will increase from 25,705 to 27,391.

WSCH Totals

Summary of On-Campus, Day Credit WSCH	Actual						5-yr % Change	Projected Fall '29	5-yr % Change	Projected Fall '36	12-yr % Change
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24					
On- and Off-Campus Day SCH*	62,629	4,680	19,297	36,539	42,525	45,778	-26.9%	46,732	2.1%	48,067	5.0%
Online SCH	28,857	90,802	60,153	40,756	38,909	42,675	47.9%	43,564	2.1%	44,809	5.0%
On-and Off-Campus Day WSCH	80,887	80,878	82,399	48,418	57,831	63,468		64,790		66,641	5.0%
Eligible On- and Off- Non-Credit Adjusted Day WSCH					14,337	12,989		13,260		13,638	5.0%
Total Day WSCH	80,887	80,878	82,399	48,418	72,168	76,457	-5.5%	78,050	2.1%	80,280	5.0%
Day WSCH/Day SCH Ratio	1.29	17.28	4.27	1.33	1.70	1.67		1.67		1.67	
On-Campus Credit Day WSCH Lecture	44,637	44,172	44,649	29,624	34,626	37,752		38,539		39,640	5.0%
Eligible Non-Credit Day WSCH Lecture					1,821	2,841		2,900		2,983	5.0%
On-Campus Credit Day WSCH Lab	28,172	29,545	29,838	17,776	20,767	22,953		23,431		24,101	5.0%
Eligible Non-Credit Day WSCH Lab					3,748	2,752		2,809		2,890	5.0%
Total on-Campus and Eligible Day WSCH (Lecture and Lab)	72,809	73,717	74,486	47,400	60,962	66,298	-8.9%	67,679	2.1%	69,613	5.0%
Off-Campus WSCH					11,207	10,160		10,372		10,668	5.0%
					72,169	76,458		78,051		80,281	
% Lecture	61.3%	59.9%	59.9%	62.5%	59.8%	61.2%		61.2%		61.2%	
% Lab	38.7%	40.1%	40.1%	37.5%	40.2%	38.8%		38.8%		38.8%	

*excluding On-Line SCH

Total On-Campus Day Credit and Eligible Non-Credit WSCH	Actual						5-yr % Change	Projected Fall '29	5-yr % Change	Projected Fall '36	12-yr % Change
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24					
	72,809	73,717	74,486	47,400	60,962	66,298	-8.9%	67,668	2.1%	69,587	5.0%
School of Health Sciences	10,983	11,835	11,772	12,450	15,370	16,844	53.4%	17,013	1.0%	17,249	2.5%
School of Business and Law	5,018	7,873	7,896	3,268	3,472	3,805	-24.2%	3,936	3.5%	4,120	4.5%
School of Liberal Arts	35,431	32,613	32,996	19,164	21,396	23,448	-33.8%	23,821	1.6%	24,345	4.2%
School of Science, Tech, and Education	20,355	19,623	19,513	11,617	15,155	16,609	-18.4%	17,247	3.8%	18,140	9.5%
School of Cont. Ed. and Workforce Dev.	1,021	1,773	2,309	901	5,569	5,592	447.6%	5,651	1.0%	5,733	2.5%

On-Campus Credit and Eligible Non-Credit Day Lecture WSCH	Actual						5-yr % Change	Projected Fall '29	5-yr % Change	Projected Fall '36	12-yr % Change
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24					
	44,637	44,172	44,649	29,624	36,447	40,593	-9.1%	41,261	1.6%	42,196	3.9%
School of Health Sciences	10,033	9,673	9,689	11,857	14,314	15,607	55.6%	15,768	1.0%	15,993	2.5%
School of Business and Law	4,174	6,348	6,454	2,883	2,891	3,152	-24.5%	3,212	1.9%	3,294	4.5%
School of Liberal Arts	25,313	20,602	20,684	12,365	13,850	15,101	-40.3%	15,365	1.8%	15,735	4.2%
School of Science, Tech, and Education	5,031	6,873	6,764	2,400	3,570	3,892	-22.6%	4,046	4.0%	4,262	9.5%
School of Cont. Ed. and Workforce Dev.	87	676	1,058	120	1,821	2,841	3165.5%	2,871	1.0%	2,912	2.5%

On-Campus Credit and Eligible Non-Credit Day Lab WSCH	Actual						5-yr % Change	Projected Fall '29	5-yr % Change	Projected Fall '36	12-yr % Change
	Fall '19	Fall '20	Fall '21	Fall '22	Fall '23	Fall '24					
	28,172	29,545	29,838	17,776	24,515	25,705	-8.8%	26,407	2.7%	27,391	6.6%
School of Health Sciences	951	1,107	1,149	593	1,109	1,226	29.0%	1,239	1.0%	1,256	2.5%
School of Business and Law	844	859	831	385	715	790	-6.4%	805	1.9%	826	4.5%
School of Liberal Arts	10,119	11,578	11,990	6,799	7,476	8,263	-18.3%	8,407	1.7%	8,610	4.2%
School of Science, Tech, and Education	15,324	14,745	14,500	9,217	11,467	12,674	-17.3%	13,176	4.0%	13,878	9.5%
School of Cont. Ed. and Workforce Dev.	934	1,255	1,367	781	3,748	2,752	194.6%	2,781	1.0%	2,821	2.5%

FACULTY AND STAFF PROJECTIONS

Offices and academic support areas make up a large part of an institution's space inventory. It is important to understand how many and what types of staff currently exist, and how staffing levels may change in the future.

The personnel data provided by AACC was integrated into the space program to ensure all staff members were allocated appropriate office/workspace. MHEC calculations for faculty and staff growth exceed the AACC's projected new hires. The College's 2024 full-time equivalent student per full-time faculty was 26.6. MHEC's guidelines would maintain this student:faculty ratio through 2035. However, AACC seeks to regain the staffing efficiency that was lost when enrollment dropped after the COVID-19 pandemic.

Faculty and Staff Projection

	2024 FTE (Actual)	2036 FTE (Projected)
Student FTE	**2,981**	**3,130**
Full Time Faculty	227	227
Full Time Library	9	9
Part Time Faculty	834	834
FTE Faculty	**445**	**445**
FTE Staff	**628**	**628**
FTE Faculty:Student FTE Ratio	**1:6.7**	**1:7.03**
FTE Staff:Student FTE Ratio	**1:4.75**	**1:4.98**

2014 FT Faculty:Student Ratio	1:10
2014 FT Staff:Student Ratio	1:9

FACILITIES INVENTORY

All community colleges in Maryland are required to report their physical space inventory to MHEC annually on form CC-1. The table reflects each building's year of construction and area in net square feet by HEGIS code. HEGIS codes are numerical indicators of space type, displayed at right.

AACC's 1,193,732 gross square feet (GSF), as reported in the Maryland Space Inventory Report, consists of:

- 714,864 net assignable square feet (NASF) of space that can be assigned to a specific department or use
- 478,868 square feet of circulation space, mechanical rooms, and other areas that are not allocated to a specific department or use

By location,
- Main Campus, in Arnold, comprises 87.5 percent of NASF
- Arundel Mills, a satellite location, comprises 7.0 percent of NASF
- AACC's Glen Burnie satellite locations comprise 5.5 percent of NASF

The following pages contain the CC-1 Table based on the Maryland Space Inventory Report.

HEGIS CODE	HEGIS CATEGORY	
100 (110-115)	CLASSROOM	
200	LABORATORY	
210-15		Class Laboratory
220-25		Open Laboratory
250-55		Research Lab.
300	OFFICE	
310-15		Office/ Conf. Room
320-25		Testing/Tutoring
350-55		*Included w/ 310*
400	STUDY	
410-15		Study
420-30		Stack/Study
440-55		Processing/Service
500	SPECIAL USE	
520-23		Athletic
530-35		Media Production
540-545		Clinic Space
580-85		Greenhouse
600	GENERAL USE	
610-15		Assembly
620-25		Exhibition
630-35		Food Facility
640-45		Day Care
650-55		Lounge
660-65		Merchandising
670-75		Recreation
680-85		Meeting Room
700	SUPPORT	
710-15		Data Processing
720-25		Shop
730-35		Central Storage
740-45		Vehicle Storage
750-55		Central Service
760-65		Hazmat Storage
800	HEALTH CARE	
900	RESIDENTIAL	
050	INACTIVE AREA	
060	ALTER. OR CONV.	
070	UNFINISHED AREA	
090	OTHER ORG. USAGE	

Net Assignable Square Feet by Campus, 2025 Maryland Space Inventory Report, CC-1 Table

AMIL
80,649 GSF

GBTC & HCAT
72,591 GSF

Main
1,040,492 GSF

Outer Ring Key:
■ Assignable SF
■ Unassignable SF
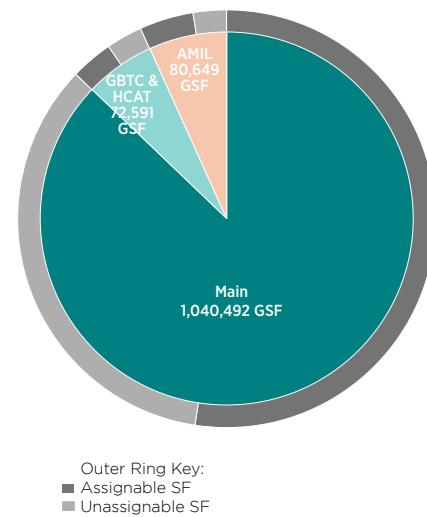
FACILITIES SPACE INVENTORY (CC-1 TABLE)

Room use categories with no assigned space are excluded for clarity.

Year Constructed		1830	1938	1967	1967	1967	1967	1967	1973	1975	1975	1976	1980	1982	1982	1982	1983
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HEGIS CODE	HEGIS CATEGORY	HANK	BARN	PLANT	LIBR	HUM	DRGN	GYM	CRSC	SUN	LUDL	ATST	ASTR	STOR	JOHN	GBTC	PCPA
00 (110-115	CLASSROOM	0	0	0	0	9,756	3,969	1,631	15,960	459			272		1,547	11,444	
200	LABORATORY	0	0	3,709	8,029	6,285	16,986	691	22,675	1,855	0	0	349	0	1,971	8,666	0
210-15	Class Laboratory			3,709	2,008	5,808	16,517	691	21,084				349		1,971	7,065	
220-25	Open Laboratory				6,021	477	469		1,591	1,855						1,601	
250-55	Research Lab																
300	OFFICE	2,071	0	1,272	7,306	6,616	5,505	3,121	30,307	8,407	11,309	0	89	0	4,508	10,690	150
310-15	Office/ Conf. Room	2,071		1,272	7,306	6,616	5,505	3,121	30,307	8,407	11,309		89		4,508	10,690	150
320-25	Testing/Tutoring																
350-55	*Included w/ 310*																
400	STUDY	0	0	0	35,323	228	0	0	701	0	0	0	0	0	0	0	0
410-15	Study				14,878	228											
420-30	Stack/Study				15,620				701								
440-55	Processing/Service				4,825												
500	SPECIAL USE	0	0	0	0	930	0	26,578	0	0	0	604	0	0	0	0	0
520-23	Athletic							26,578				604					
530-35	Media Production					930											
540-545	Clinic Space																
580-85	Greenhouse																
600	GENERAL USE	0	0	181	1,819	0	0	0	3,614	22,769	194	0	0	0	0	1,158	10,220
610-15	Assembly									72							9,521
620-25	Exhibition																699
630-35	Food Facility				207				1,742	11,874							
640-45	Day Care																
650-55	Lounge			181	1,612				1,872	2,579	194					802	
660-65	Merchandising									8,244						356	
670-75	Recreation																
680-85	Meeting Room																
700	SUPPORT	240	5,794	0	0	1,579	0	0	3,669	0	135	0	0	3,007	0	989	0
710-15	Data Processing	240				409			3,669		135					511	
720-25	Shop													3,007		478	
730-35	Central Storage		5,794			1,170											
740-45	Vehicle Storage																
750-55	Central Service																
760-65	Hazmat Storage																
800	HEALTH CARE	0	0	0	0	0	0	0	0	532	0	0	0	0	0	0	0
900	RESIDENTIAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
050	INACTIVE AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
060	ALTER. OR CONV.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
070	UNFINISHED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090	OTHER ORG. USAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total NASF:	2,311	5,794	5,162	52,477	25,394	26,460	32,021	76,926	34,022	11,638	604	710	3,007	8,026	32,947	10,370
	Total GSF:	3,494	6,510	19,088	79,119	43,514	53,105	48,877	135,641	47,817	23,257	698	1,383	3,202	12,868	57,185	21,740
	Efficiency (%):	0.66	0.89	0.27	0.66	0.58	0.50	0.66	0.57	0.71	0.50	0.87	0.51	0.94	0.62	0.58	0.48

1986	1986	1988	1993	1997	2001	2002	2003	2003	2004	2007	2007	2007	2013	2015	2021	2021	Fall 2023	Fall 2023
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	Subtotal	Total
MATH	ATRM	GRND	FLRS	CADE	HCAT	SSVC	RESM	AMIL	CALT	CSB	ANXA	ANXB	EQST	MOD	HLSB	CCIT	On Campus Permanent	On Campus Space
3,153				2,537	1,021			16,687	6,023		2,558	4,773			18,021	0	99,811	99,811
796	0	0	3,059	22,614	3,753	0		17,174	32,652	0	1,814	0	0	0	61,591	7,280	221,949	221,949
				22,050	3,753			14,798	32,652		1,814				56,802	7,280	198,351	198,351
796			1,428	564				2,376							4,789		21,967	21,967
			1,631												0		1,631	1,631
2,757	0	145	4,449	5,216	901	11,488	4,277	11,057	13,280	8,685	651	659	0	0	18,193	240	173,349	173,349
2,757		145	4,449	5,216	901	11,488	4,277	11,057	13,280	8,685	651	659			18,193	240	173,349	173,349
									0	0							0	0
0	0	0	0	0	0	0	0	618	0	0	0	0	0	0	164	0	37,034	37,034
								436							164		15,706	15,706
								182									16,503	16,503
																	4,825	4,825
0	0	0	0	161	0	0	0	0	0	0	0	0	0	0	1,441	0	29,714	29,714
																	27,182	27,182
				161											0		1,091	1,091
															1,441		1,441	1,441
																	0	0
0	0	0	2,073	5,386	597	1,613	0	3,184	5,384	483	0	0	0	0	8,072	403	67,150	67,150
																	9,593	9,593
				1,254					465								2,418	2,418
								180	727	0					856	38	15,624	15,624
																	0	0
			218	712	597	1,613		2,283	1,981	483					6,556	365	22,048	22,048
								721									9,321	9,321
																	0	0
			1,855	3,420					2,211						660		8,146	8,146
0	0	2,774	0	0	0	0	0	1,158	2,947	18,636	277	0	2,274	0	1,465	0	44,944	44,944
								95	964	0							6,023	6,023
		2,774						341	1,804	6,717	277						15,398	15,398
								722	179	6,230					1,465		15,560	15,560
													2,274				2,274	2,274
										5,689							5,689	5,689
																	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	532	532
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0
2,032	0	0	28,728	0	0	0	0	0	0	0	0	0	0	9,621	0	0	40,381	40,381
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8,738	0	2,919	38,309	35,914	6,272	13,101	4,277	49,878	60,286	27,804	5,300	5,432	2,274	9,621	108,947	7,923	714,864	714,864
13,117	788	3,216	65,098	64,506	15,406	25,269	7,167	80,649	106,270	35,275	7,627	7,571	2,375	15,400	175,210	11,290	1,193,732	1,193,732
0.67	0.00	0.91	0.59	0.56	0.41	0.52	0.60	0.62	0.57	0.79	0.69	0.72	0.96	0.62	0.62	0.70	0.60	0.60

CALCULATED SPACE NEEDS

The space needs calculation results (shown on the right) were generated with MHEC's Table CC-3 that incorporates Maryland's space allocation guidelines. The data inputs (shown below) for enrollment, staffing, and WSCH projections were developed specifically for this master plan. These projections reflect lower enrollment expectations and a higher percentage of SCH delivered online than the official MHEC estimates. The calculated surpluses and deficits are aggregate results; needs of specific academic programs are not reflected.

Calculated surpluses and deficits do not always prompt a capital project. For example, the College demolished athletics space to facilitate construction of a the Health and Life Sciences Building. The calculated deficit in athletics space has not yielded a recommendation for additional facilities in the next ten years.

CC-3 tables do not reveal at which location a surplus or deficit occurs. Facilities Master Plan recommendations will highlight opportunities to locate activities to better utilize AACC's existing space inventory.

SPACE NEEDS TABLE INPUTS

	ACTUAL Fall 2024	PROJECTED Fall 2036	
FTDE-C	2,981	3,130	
FTDE-N			FALL WSCH
FTDE-T	2,981	3,130	66,298
WSCH-Lec-C	40,593	42,196	
WSCH-Lec-N			
WSCH-Lec-T	40,593	42,196	61.2%
WSCH-Lab-C	25,705	27,391	
WSCH-Lab-N			
WSCH-Lab-T	25,705	27,391	38.8%
FTES	7,093	7,448	
BVE	80,930	84,480	
FT-Fac	227	227	
FT-Libr	9	9	
PT-Fac	834	834	
FTEF	445	445	
FT-Staff	628	628	
PHC-T	2,027	2,101	

	ACTUAL Fall 2024 (MHEC)	PROJECTED Fall 2033
Headcount	11,481	12,055

- Employment
- S-6 Worksheet Data
- N/A
- MHEC Data

CALCULATED SPACE NEEDS & PROPOSED INVENTORY (CC-3 TABLE)

HEGIS CODE	HEGIS CATEGORY	Need 2025	Inventory 2025	Surplus/ (Deficit)	Need 2036	Proposed Inventory 2036	Surplus/ (Deficit)
100 (110-115)	CLASSROOM	60,890	99,811	38,921	46,838	92,002	45,164
200	LABORATORY	192,455	220,318	27,863	172,836	214,773	41,937
210-15	Class Laboratory	179,935	198,351	18,416	159,690	192,396	32,706
220-25	Open Laboratory	12,520	21,967	9,447	13,146	22,377	9,231
250-55	Research Lab (no allowance)						
300	OFFICE	181,479	173,349	(8,130)	181,553	192,391	10,838
310-15	Office/ Conf. Room	179,238	173,349	(5,889)	179,238	189,953	10,715
320-25	Testing/Tutoring	2,241	0	(2,241)	2,315	2,438	123
350-55	Included w/ 310						
400	STUDY	29,961	37,034	7,073	31,390	38,935	7,545
410-15	Study	18,631	15,706	(2,925)	19,563	17,607	(1,956)
420-30	Stack/Study	8,093	16,503	8,410	8,448	16,503	8,055
440-55	Processing/Service	3,237	4,825	1,588	3,379	4,825	1,446
500	SPECIAL USE	54,036	29,714	(24,322)	57,601	29,478	(28,123)
520-23	Athletic	48,810	27,182	(21,628)	50,300	26,946	(23,354)
530-35	Media Production	2,785	1,091	(1,694)	4,860	1,091	(3,769)
540-545	Clinic/Clinic Service	1,441	1,441	0	1,441	1,441	0
580-85	Greenhouse	1,000	0	(1,000)	1,000	0	(1,000)
600	GENERAL USE	52,300	67,150	14,850	51,953	78,555	26,602
610-15	Assembly	14,962	9,593	(5,369)	15,260	19,050	3,790
620-25	Exhibition	2,241	2,418	177	2,315	2,418	103
630-35	Food Facility	20,675	15,624	(5,051)	17,657	19,217	1,560
640-45	No Allowance						
650-55	Lounge	6,081	22,048	15,967	6,306	22,751	16,445
660-65	Merchandising	2,341	9,321	6,980	2,415	5,844	3,429
670-75	No Allowance						
680-85	Meeting Room	6,000	8,146	2,146	8,000	9,275	1,275
700	SUPPORT	30,100	44,944	14,844	28,920	45,027	16,107
710-15	Data Processing	2,500	6,023	3,523	2,500	6,777	4,277
720-25	Shop/ Storage	23,137	33,232	10,095	21,980	32,837	10,857
730-35	Included w/ 720						
740-45	Included w/ 720						
750-55	Central Service	4,000	5,689	1,689	4,000	5,413	1,413
760-65	Hazmat Storage	463	0	(463)	440	0	(440)
800	HEALTH CARE	796	532	(264)	826	2,114	1,288
900	Residence Halls - No Allowance						
050-090	Unoccupied - No Allowance						
	Total NASF:	602,017	672,852	70,835	571,917	693,275	121,358

06.   FACILITIES MASTER PLAN RECOMMENDATIONS

INTRODUCTION

Since the completion of the 2016 Facilities Master Plan, Maryland and Anne Arundel County have made significant investments to enhance AACC's facilities. The Health and Life Sciences Building opened in fall 2021 and, since then, enrollment in Health and Life Sciences programs has increased by eight percent. The Clauson Center for Innovation and Skilled Trades building was constructed, allowing AACC to offer programs in construction and skilled trades including apprenticeships and pre-apprenticeships.

In addition to new construction projects, strategic renovation projects have been completed. Several buildings now feature informal learning areas, many classrooms have received technology upgrades, and the Fitness Center in the Gymnasium Building was updated. A new Video Studio was constructed in the Cade Center for the Fine Arts (CADE). The Ring Road around the perimeter of Main Campus was modified, improving pedestrian and vehicular safety. Further investment is needed, however, to maintain existing facilities, support the growth of academic programs, and implement student life initiatives.

This Facilities Master Plan (FMP) calls for continued facility renewal with a focus on student success and engagement through the creation of appropriate spaces for study and collaboration. The plan also recommends improving the utilization of existing space and increasing efficiency to enable reduction of the physical space inventory, thus reducing operating costs. This section outlines recommended capital projects and independent campus improvements. As existing facilities are renovated, the College should continue to invest in instructional technology and create informal learning spaces to actively engage students.

CAPITAL PROJECTS

Capital projects are large-scale initiatives that involve new construction or comprehensive renovation and result in long-term value for an institution. Due to the scope of such projects, they often require funding from sources outside the College. The FMP refers to large renovation projects that will require state or other funding as capital projects.

INDEPENDENT PROJECTS

Not all recommended projects will require capital funding. The College can proceed with independent projects as funding becomes available. The five independent projects included in this plan will increase student access to collaborative study space and improve opportunities for student engagement.

ENABLING PROJECTS AND SWING SPACE

In order to optimize campus resources, minimize the amount of swing space required, and avoid stranding investments, certain capital projects necessitate enabling projects. Enabling projects must be completed before subsequent renovations can begin. These projects are marked with a dashed line on the Implementation Plan on page 103.

In order to transform existing space, it sometimes becomes necessary to temporarily relocate building occupants during the renovations. Space used to facilitate renovation and construction projects is commonly referred to as "swing space." Every effort has been made to phase projects so occupants only move once (from their current space to their proposed space). Some projects, such as the renovation of the first floor of the Gymnasium Building, will require the use of swing space.

CAPITAL PROJECT AND INDEPENDENT PROJECT LIST

Near-Term Projects
N-1 Renovation of the Florestano Floors 1-3 to Create One-Stop Student Services Center
N-2 Comprehensive Renovation of Dragun Science Building

Mid-Term Projects
M-1 HCAT Addition to CCIT
M-2 SSVC Comprehensive Renovation for Student Engagement
M-3 Consolidation of Math Department in Careers

Long-Term Projects
L-1 Comprehensive Renovation of Math Building
L-2 Comprehensive Renovation of Student Union Building
L-3 Renovation of Gymnasium Building's First Floor
L-4 Removal of Underutilized Buildings
L-5 Renovation of Vacated HCAT Space in Humanities Building

Independent Projects
I-1 Create Informal Study and Meeting Spaces
I-2 Create Additional Small Group Study Rooms in the Library
I-3 Improve Accessibility at Athletic Fields
I-4 New Outdoor Recreation and Dining Opportunities
I-5 Energize the CALT Atrium

PROJECT LOCATIONS

Near-Term Projects — **N**
Mid-Term Projects — **M**
Long-Term Projects — **L**
Independent Projects — **I**

IMPLEMENTATION PLAN

Capital project descriptions include an estimated timeline indicating when the College anticipates the project will be undertaken. The implementation plan on the facing page identifies project phases (planning, design, construction, and FF&E/move-in).

ESTIMATE OF PROBABLE COST

Capital project cost estimates were developed by the Forella Group, a professional cost estimator, in conjunction with JMZ, and AACC Administrative Services. Facilities maintenance costs were based on the 2025 study prepared by Bureau Veritas, an AACC-contracted professional engineering firm. Cost estimates were escalated to anticipated midpoint of construction and include the following:

- Capital project escalation calculated at five percent for the first year and 3.5 percent per year thereafter.
- Facilities maintenance projects escalated at 3.5 percent for all years.
- General Contractor's overhead and profit is included (10 percent).
- A 20 percent design contingency included.
- Design fees (12 percent) assume construction-manager-at-risk (CMAR) project delivery. Construction management fees are typically included in the CMAR's guaranteed maximum price.
- A furnishings, fixtures, and equipment allowance was applied (11.5 percent).

Site costs, permitting and inspection costs, swing space requirements, and moving expenses are not included. Since escalation rates can change year-to-year; AACC should verify construction costs with a professional cost estimator prior to preparing funding documents.

All recommended capital projects are shown in the Implementation Plan on the following page. Consultants worked with campus leaders to distribute projects between 2026 and 2036 to reflect funding realities, minimize the amount of swing space required, and avoid stranding investment.

Funding for the Florestano and Dragun renovations and construction of the HCAT addition to the Clauson Center were approved by Anne Arundel County. The Florestano renovation began in summer 2025 and is expected to be complete in 2027. The Dragun Science renovation is also underway. The state-required Facility Program & Educational Specifications Parts I & II for the HCAT addition has been submitted.

Few institutions complete all capital projects included in a master plan within the anticipated timeline. This plan documents space needs and prioritizes capital projects identified during the planning process. Just as an institution measures its progress on strategic and academic plans, a master plan should be periodically reviewed and adjusted to reflect evolving needs of the institution.

IMPLEMENTATION PLAN AND ESTIMATE OF PROBABLE COST

	Project Midpoint (calendar year)	Design Fees	Construction Cost at Project Midpoint	Furnishings, Fixtures, and Equipment	Total Project Cost
Florestano Renovation	2026	$1,796,000	$19,506,500	$3,268,000	$24,570,500
Dragun Science Building Renovation	2027	$5,242,000	$45,838,000	$6,484,000	$57,564,000
HCAT Addition to Clauson Center	2029	$798,000	$10,677,000	$1,494,000	$12,969,000
Projects Underway					**$95,103,500**
SSVC Comprehensive Renovation for Student Engagement	2030	$1,574,000	$13,110,000	$1,508,000	$16,192,000
Careers Building: Renovation for Consolidation of Math Department	2030	$366,000	$3,048,000	$351,000	$3,765,000
Comprehensive Renovation of Math Building	2032	$899,000	$7,489,000	$862,000	$9,250,000
Comprehensive Renovation of Student Union	2034	$3,515,000	$29,288,000	$3,369,000	$36,172,000
Gym: Renovation of 1st Floor plus Facilities Maintenance	2036	$1,594,000	$13,281,000	$1,528,000	$16,403,000
Remove Underutilized Modular Buildings (Annex A, Annex B, RESM, MOD)	2034		Allowance		$2,190,000
Long-Range Project: Renovate vacated HCAT space in Humanities	2037	$302,000	$2,151,000	$264,000	(not included)
Recommended Capital Projects					**$83,972,000**
	2026	$237,470	$11,308,109		$11,546,000
	2027	$257,205	$12,247,863		$12,506,000
	2028	$105,862	$5,041,043		$5,147,000
	2029	$197,418	$9,400,870		$9,599,000
	2030	$105,244	$5,011,626		$5,117,000
	2031	$28,926	$1,377,408		$1,407,000
	2032	$73,282	$3,489,603		$3,563,000
	2033	$103,926	$4,948,845		$5,053,000
	2034	$222,404	$10,590,675		$10,814,000
	2035	$12,183	$580,151		$593,000
	2036	$53,478	$2,546,589		$2,601,000
Facilities Maintenance Projects					**$67,946,000**
Total Facilities Master Plan Project Costs					**$247,021,500**

Legend:
- Submit program
- Design
- Construction
- FF&E/outfitting
- Move-In
- Facilities Maintenance Projects
- Enabling/Sequential Project

PROJECTS UNDERWAY

FLORESTANO RENOVATION (FLRS)
(FLOORS ONE THROUGH THREE)

The Florestano Building was vacated when the Health and Life Sciences Building was completed in 2021. The fourth floor of Florestano has since been renovated to create the Learning Innovation Center. The renovation of the first three floors began in July 2025 to create a One-Stop Student Services Center to help new students and anyone seeking help from Enrollment or Student Services find comprehensive support.

The following departments will be located in the renovated building.

- Campus Information and Visitor Services
- Financial Aid
- Cashier's Office
- Records & Registration
- Admissions & Enrollment Development
- Academic and Transfer Advising
- Student Achievement & Success Program (SASP)
- Testing & Assessment
- Accounts Receivable
- Dean's Office Suite (Dean of Student Success and Associate VP of Enrollment Management)
- Disability Support Services
- Sarbanes Center for Career and Civic Engagement
- Office of Community Standards
- Personal & Career Counseling

The total estimated project cost for the renovation of the first three floors of Florestano is $24,570,000. The One-Stop is scheduled to be up and running by February 2027.

Third Floor

Second Floor

First Floor

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Florestano Renovation

■ Construction ■ FF&E/Set Up ■ Move In
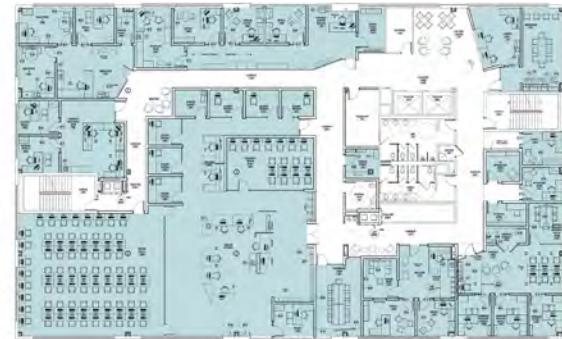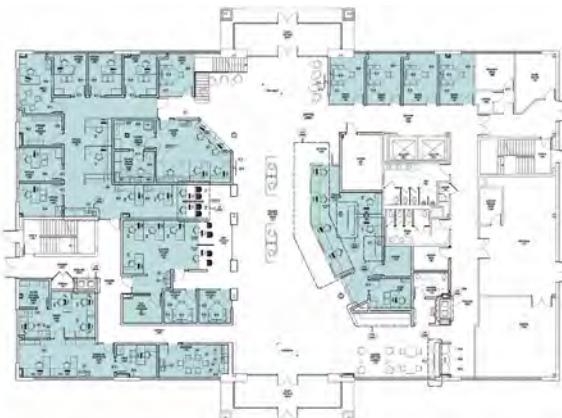
FLORESTANO CONCEPT DIAGRAMS

Anne Arundel Community College - Facilities Master Plan

PROJECTS UNDERWAY

DRAGUN SCIENCE BUILDING RENOVATION (DRGN)

The renovation of the Henry L. Dragun Science Building will create new state-of-the-art laboratories for the physical sciences. When complete, the building will reopen as the Dragun Physical Sciences Building, consolidating AACC's science programs on the East Campus and anchoring the south side of the new STEM Quad.

This comprehensive renovation will provide updated physical science labs, three active learning classrooms, offices, and study/collaborative spaces. The planned reuse of Dragun for the physical sciences demonstrates AACC's commitment to thoughtful stewardship of existing resources and preserves the building's key role as a dedicated STEM facility.

Construction is scheduled to begin in February 2026 and the building is scheduled to open in January 2028. The total estimated project cost is $57,564,000.

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Dragun Science Building Renovation

■ Construction ■ FF&E/Set Up ■ Move In

Second Floor

First Floor
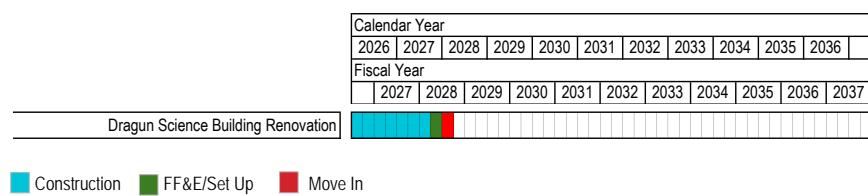
⊕ **DRAGUN CONCEPT DIAGRAMS**

PROJECTS UNDERWAY

HOTEL CULINARY ARTS & TOURISM ADDITION TO THE CLAUSON CENTER (HCAT)

The Hotel Culinary Arts & Tourism (HCAT) program offers courses on the Main Campus in the Humanities Building and at the HCAT Institute in Glen Burnie. The building in Glen Burnie, which is leased to AACC by the County, has developed major structural issues. After a comprehensive analysis of the building, AACC and the County agreed it would be more cost effective to consolidate the HCAT program elsewhere rather than upgrade the existing facility.

A Facility Program Manual to identify a new location for HCAT, submitted in 2025, recommended the construction of an HCAT addition to the Clauson Center for Innovation and Skilled Trades (CCIT) building on the Main Campus. The bubble diagram and site plan on this page show the proposed location of the HCAT addition on the East Campus and proposed conceptual space relationships.

It is anticipated that the addition will be completed and open by January 2031 with a total estimated project cost of $12,969,000.
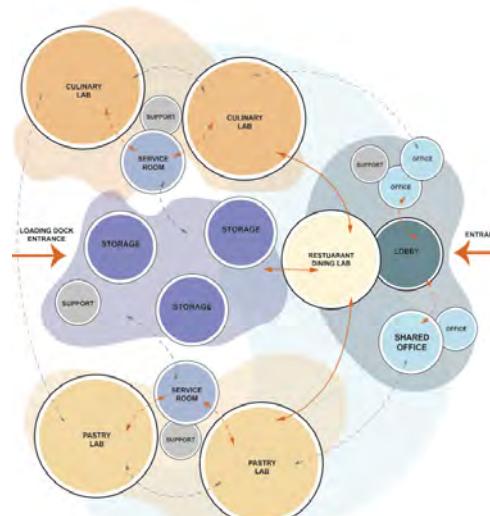
Proposed adjacency diagram prepared by Hord Copland Macht for the funding request

Existing HCAT facility in Glen Burnie

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	

Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

HCAT Addition to Clauson Center	

- ▨ Design
- ▨ Construction
- ▨ FF&E/Set Up
- ▨ Move In

⊕ HCAT SITE DIAGRAM

RECOMMENDED CAPITAL PROJECTS

NEW STUDENT ENGAGEMENT CENTER

Current Occupants of SSVC: Admissions, Advising, Registration, Financial Aid
Enabling Project: Completion of Florestano Building Renovation

The 2021 Addendum to the 2016 Facilities Master Plan recommended the renovation of the Florestano Building to house a new One-Stop Student Services Center. The renovation of the first three floors of Florestano began in July 2025 and will be completed in mid-2027. This will leave the Student Services Center (SSVC) vacant and available for repurposing as a new Student Engagement Center, as recommended in the 2021 Addendum.

The Facility Program Manual for the creation of the Student Engagement Center will be submitted in March 2026 and implemented during the design phase. As part of the work, building systems will be upgraded/replaced, and the exterior envelope will be improved.

Conceptual floor plans developed in 2021 have been updated based on FMP interviews with departments that may occupy the SSVC Building. A final list of building occupants will be verified during the programming phase of the project, which is scheduled to begin in 2028.

If this project is not implemented, the SSVC would remain an underutilized structure in the heart of Main Campus. Student organization offices and event spaces would continue to be located in various Main Campus locations, where they would not benefit from the collective energy of a comprehensive Student Engagement Center. Finally, the student health services clinic would remain in undersized space in the Student Union and would ultimately require relocation to enable Student Union renovation.

The estimated total project cost to renovate the SSVC for Student Engagement is $16,192,000. The new Center is scheduled to open in the first quarter of 2031.
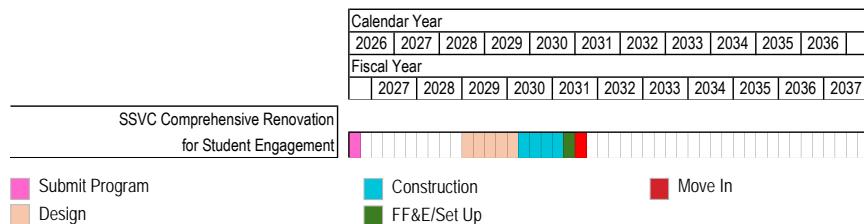
Second Floor Potential Floor Plan

First Floor Potential Floor Plan

⊕ **SSVC/STUDENT ENGAGEMENT CENTER DIAGRAMS**

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

SSVC Comprehensive Renovation for Student Engagement

■ Submit Program
■ Design
■ Construction
■ FF&E/Set Up
■ Move In

■ Student Government Association
■ Student Life
■ Health and Wellness
■ Collegiate Recovery
■ Event Space & Recreation
■ Veterans' Center
■ Interfaith Center

■ Clothing Closet, Food Pantry
■ Help Link
■ Dean's Suite
■ Shared Resources
■ Circulation
■ Building Service

RECOMMENDED CAPITAL PROJECTS

CAREERS BUILDING - MATH DEPARTMENT CONSOLIDATION

Current Occupant: Swing Space Science Labs for Dragun Renovation
Enabling Project: Completion of Dragun Renovation

The Math Department currently occupies the second floor of the Math Building while the Math Lab (Room 190) and its support staff are located on the first floor of the Careers Building (Rooms 171, 177, 181, 183, and 185.) The design of the Math Building does not adequately support the current and future needs of the Math Department. The building's structure does not permit creation of semi-private faculty offices or classrooms that are large enough to accommodate the optimal Math class section size.

Once the Dragun Science Building renovation is complete, staff and functions that temporarily occupied the first floor of the Careers Building will move back to Dragun. The floor plan at right identifies spaces in Careers that will be renovated to create a new home for the Math Department.

A new office suite will be constructed in the area currently occupied by rooms 174, 174A, 176, 178, 178A/B/C, and 180. Rooms 184, 186, and 188 will be converted to math-priority classrooms. The existing Forensics Lab on this corridor could either remain or be moved elsewhere in the building. Final decisions regarding room placement will be decided during project design.

As part of the renovation, new windows will be inserted into the exterior building envelope to provide ample natural light into the new office suite. Potential locations are indicated with yellow lines on the floor plan.

If this project does not occur, renovation of the aging Math/CDC Building cannot proceed. Math faculty and instructional spaces will remain in an aging building that is not configured to accommodate the department's pedagogy or ideal course section size.

The Facility Program Manual for the renovations will be submitted in March 2027. **Design is anticipated to commence in mid-2029 with an anticipated move in date in the third quarter of 2031. The total estimated cost for the renovations is $3,765,000.**

First Floor Careers Building
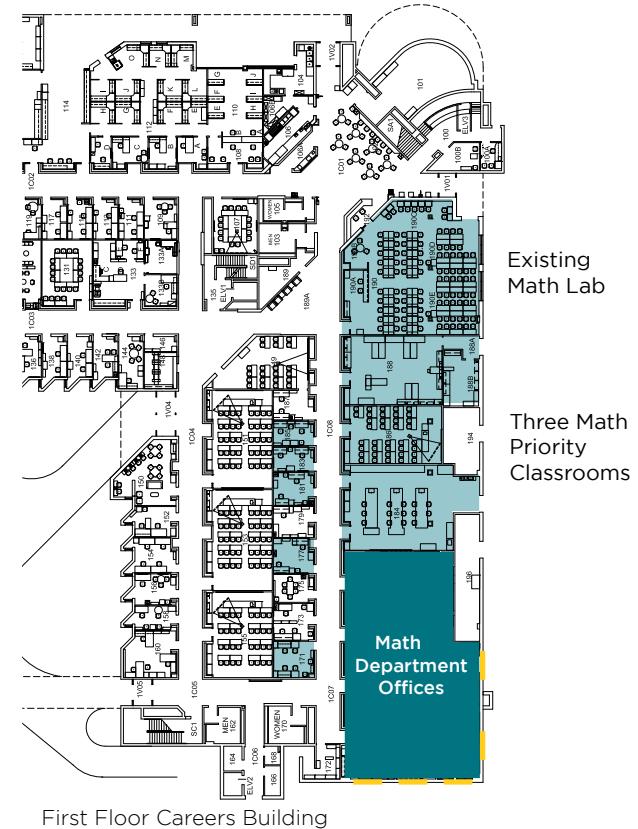
⊕ **MATH DEPARTMENT FLOOR PLAN DIAGRAM**

Space	FICM Code	Proposed NSF
Classroom & Classroom Service	110/115	2,620
Class Lab & Class Lab Service	210/215	1,690
Open Class Lab	220	2,890
Reception	310	140
Private Office	310	140
Shared Offices (Six existing)	310	860
Shared Offices (Ten new)	310	1400
Conference Room	350	160
Huddle Rooms (2)	350	160
Storage	315	20
Grand Total		**10,080**

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Careers Building: Renovation for Consolidation of Math Department

■ Submit Program
■ Design
■ Construction
■ FF&E/Set Up
■ Move In

Existing faculty office suite in Math Building. Aging finishes and cramped cubicles make it a poor work environment.

The Careers Building has lots to offer, including collaboration spaces (above), spacious classrooms, and the existing Math Lab.
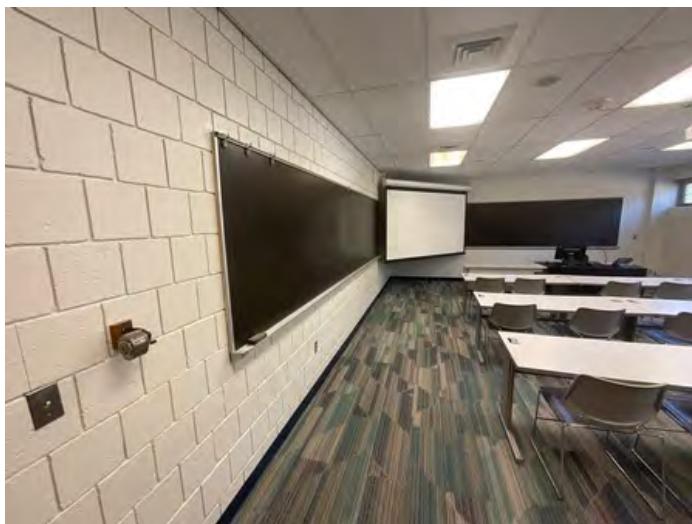
Classrooms in the Math Building have updated finishes and instructional technology, but the rooms are too small to fit the number of students the Math Department would ideally enroll in course sections.

The Math Department's new home could include features like new windows in existing exterior walls, right-sized shared offices, meeting and work areas, and upgraded facilities for adjunct faculty.

RECOMMENDED CAPITAL PROJECTS

COMPREHENSIVE RENOVATION OF THE MATH/CDC BUILDING

Current Occupants: Partial Math Department
Enabling Project: Relocate Math Department to Careers Building

The Math/CDC Building, originally constructed in 1986, has had few notable renovations in its 40-year occupancy. The Child Development Center was permanently closed in August 2020, leaving approximately one-half of the building vacant. Once the Math Department moves to its new location in the Careers Building, the building will be empty. Comprehensive renovation is needed, including upgrades to mechanical, electrical, and plumbing systems. Elevators, interior finishes, and the building's envelope also need modernization.

The building's location on the Ring Road just north of parking lots A and B, is an ideal location for AACC's Bookstore. The Bookstore is currently located in the Student Union where it is bifurcated by a busy corridor that cuts through the building. Moving the Bookstore to the first floor of the Math Building would provide it more visibility and improve access for members of the college community and campus visitors.

A new café is proposed adjacent to the Bookstore. It could be open when the dining facility in the Student Union is closed. The café could offer 'grab and go' food items to serve those arriving on campus early and leaving late in the day.

A portion of the second floor will be dedicated to office space for Learning Resources Management (LRM) staff that currently occupy the Resource Management Building (RESM). The majority of LRM staff sit at workstations, so few private or semi-private offices will be required. The remainder of the second floor will house offices for the Chief Compliance & Fair Practices Office, Events Services, and others identified during the Facility Program Manual process.

Completion of this project enables AACC to remove the RESM building, a low-quality, unsuitable modular structure that houses LRM offices. If the Math/CDC renovation project is not implemented, not only will the facilities maintenance needs of the building compile, but also, the College will miss an opportunity to remove RESM.

The Facility Program Manual will be submitted in March 2028. **Design is anticipated to commence in the fourth quarter of 2030 with the building ready to be occupied by the third quarter of 2033. The total estimated project cost to fully renovate the Math Building is $9,250,000.**

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	

Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Comprehensive Renovation of Math Building

- Submit Program
- Design
- Construction
- FF&E/Set Up
- Move In

First Floor Diagram

Path into Campus from South Parking Lots

Bookstore Storage

Deliveries

Service/Restrooms

Cashier

Bookstore

Kitchen

Café

Shared Office

Bookstore Entrance

Café Entrance

Second Floor Diagram

Available Office Space (2,000 net square feet)

Service/Restrooms

LRM Offices (from RESM)

Department	Space Type	FICM Code	Proposed NSF
Bookstore			
Bookstore	Merchandising	660/665	3,260
	Office and Office Service	310/315	500
Café			
Café	Food Service	630/635	1,110
Event Services			
Event Services	Shared Office	310	420
	Storage	315	10
Learning Resources Management (LRM)			
Budget	Private Office	310	140
	Dedicated Workstation	310	128
Controller	Shared Office	310	70
Disbursements	Shared Office	310	140
	Workstation	310	144
General Accounting	Workstation	310	96
Kitchenette	Kitchenette	315	60
LRM AVP	Private Office	310	180
Management Advisor Services	Workstation	310	96
Purchasing	Shared Office	310	70
	Workstation	310	48
Shared Conference Room	Conference Room	350	120
Shared Meeting Rooms (2)	Shared Meeting Rooms	350	500
Storage	Storage	315	360
Office of the Chief Compliance & Fair Practices Officer			
Office of the Chief Compliance & Fair Practices Officer	Private Office	310	180
	Priviate Office	310	140
	Reception	310	120
	Storage	315	30
Other			
Available Office Space	Office and Office Service	310	1,000
Telecommunication Rooms (2 new)	Telecommunications Rooms	710	200
Grand Total			9,122

MATH/CDC RENOVATION LOCATION
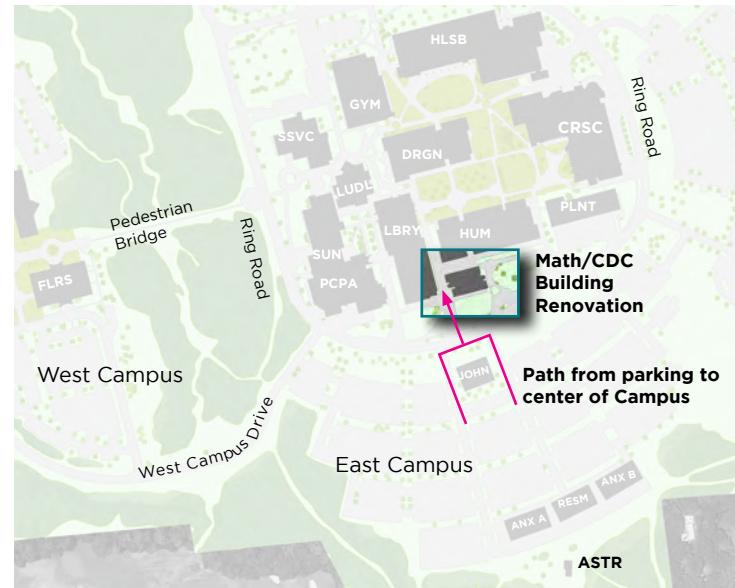
RECOMMENDED CAPITAL PROJECTS

COMPREHENSIVE RENOVATION OF THE STUDENT UNION

Current Occupants: AACC Bookstore, Auxiliary Services (Food Service), Event Services, Disability Support Services, Health & Wellness

Enabling Projects: Completion of SSVC and Math/CDC Renovations

The Student Union needs substantial improvements to its building systems, exterior envelope, interior finishes, and food service equipment. Once the renovations to Florestano, the SSVC, and Math Building are complete, the second floor of the Student Union will be vacant. Spaces on the first floor formerly occupied by the Bookstore, Health & Wellness, and Disability Support Services will also be empty, making it an ideal time for a comprehensive renovation of the building.

This plan recommends that the north end of the first floor be transformed into a collegiate dining hall, complete with banquettes, high-top tables, and single-seat counter spaces that will provide students and staff with a variety of seating options. The servery and kitchen will be updated and reorganized to create a modern college dining facility. This will leave the existing dining hall area available to be transformed into a large, subdividable college event space. The south side of the Student Union is one-story, so the columns only support the building's roof structure. A structural engineer should be engaged to determine how the structural system could be modified to create a larger, open plan space. Such a space is needed on campus for student, college, and community events.

The bridge that connects the Student Union to the second floor of the SSVC makes the Student Union's second floor the logical location for student engagement offices and functions that were not relocated to the renovated SSVC.

If the Student Union Renovation does not occur, the primary dining facility on Main Campus will be the only occupied portion of the building. Facilities maintenance needs will continue to accrue, potentially leaving a landmark structure in the center of Main Campus in poor condition with only one occupant. Long-term, the second floor of the Student Union could be utilized as swing space to enable renovation of the Johnson Building, an opportunity that would be missed if the condition of the Union deteriorates.

The Facility Program Manual for the renovation of the Student Union will be submitted in March 2030. **Design is expected to begin in late 2032, and the building will be ready to be occupied in the third quarter of 2035. The total estimated project cost for the full renovation of the Student Union is $36,172,000.**

Costs associated with the need for temporary food facilities during a portion of the construction period are not included in this estimate.

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Comprehensive Renovation of Student Union
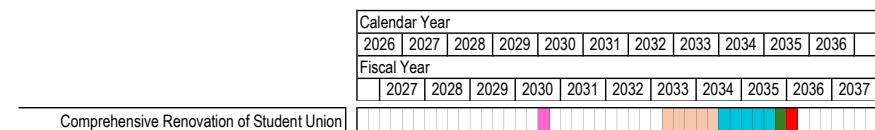
- ■ Submit Program
- ■ Design
- ■ Construction
- ■ FF&E/Set Up
- ■ Move In

Department	Space Type	FICM Code	Proposed NSF
Auxiliary Services			
Auxiliary Services	Office/Office Service	310/315	1,900
	Food Service	630/635	5,858
	Dining Area	630/635	7,657
Event Services			
Event Services	Event Space	610/615	8,967
Student Engagement			
Student Engagement	Student Engagement	310/315	6,278
	Lounge	650	2,895
Grand Total			**33,555**

Bridge to New Student
Engagement Center
(former SSVC)

Mechanical
Room

Available Space

Second Floor

Event Service
and Offices

Additional Restrooms,
Building Service

Restrooms

Multipur-
pose Room
Storage

Mechani-
cal Room

New Dining
Room

Reconfigured
Kitchen and
Servery

Three Multipurpose
Conference and Event
Rooms
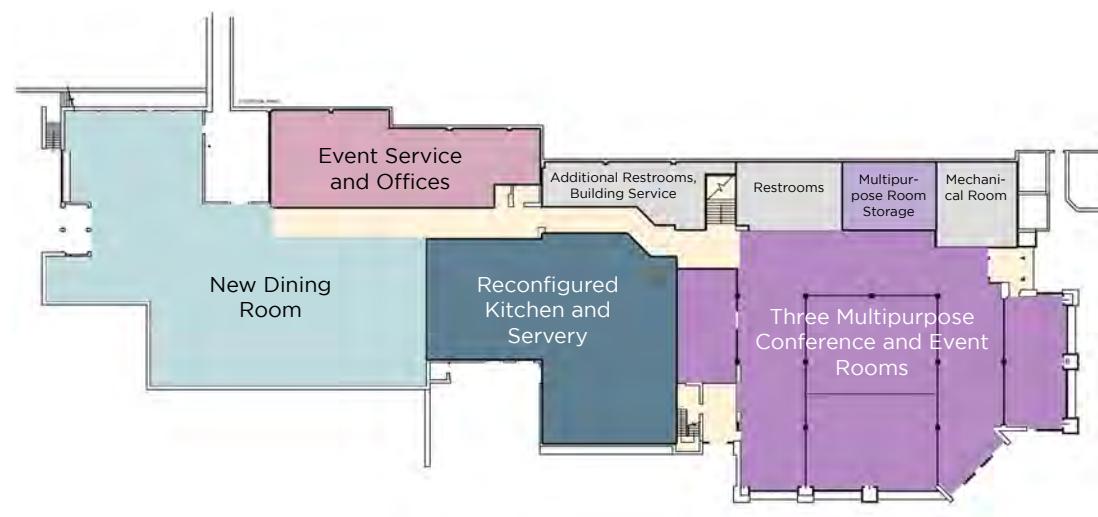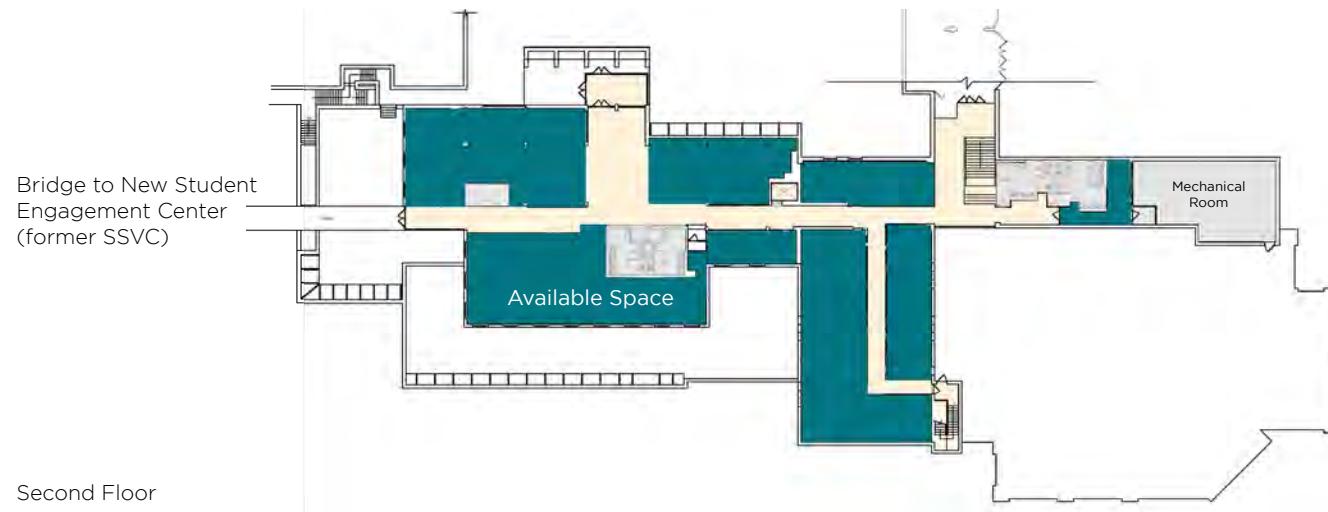
First Floor

STUDENT UNION DIAGRAM

RECOMMENDED CAPITAL PROJECTS

RENOVATION OF GYMNASIUM FIRST FLOOR

The first floor of the David S. Jenkins Gymnasium Building houses locker rooms, classrooms, multipurpose rooms, faculty and staff offices, the training room, and other athletics support space. The large general locker rooms are underutilized and there is not enough locker room space to support AACC's teams.

This project includes the renovation of a substantial portion of the first floor to create dedicated team space and unite faculty and staff offices in an office suite. A dedicated conference room will be provided that will also serve as a recruiting space for meetings with potential student athletes. The following spaces will be created:

- Four right-sized team locker rooms (two for men and two for women) for athletic team use during their season.
- Two general purpose locker rooms for members of the College community who use the building's facilities. These locker rooms will also serve as visiting team locker rooms.
- Two all-gender toilet/locker rooms.
- Two officials' locker rooms.
- An athletics office suite
- A multipurpose room/classroom for the Health & Wellness program
- An improved athletic equipment storage room and laundry area.
- A renovated training room.

Included in the scope of this renovation is replacement of the building's existing mechanical systems. High humidity and poor ventilation have caused damage to the wood gymnasium floor and made portions of the building inhospitable to daily users. Components of the HVAC that serve the second floor may be replaced prior to this project being undertaken, which would potentially reduce the cost of this project. If this renovation project is not implemented, mechanical systems will remain ineffective (at least for the first floor), potentially causing additional damage to stored equipment and building components. Locker rooms will not be accessible to individuals with mobility challenges and the College will remain unable to offer locker room space to visiting teams and officials.

The proposed space program is provided at right. **The Facility Program Manual will be submitted in March 2032. Design will commence in the third quarter of 2034 with completion anticipated in early 2037. The total estimated project cost is $16,403,000.**

GYMNASIUM FIRST FLOOR DIAGRAM

Space Description	Room Number	FICM Code	Proposed NSF
LRM			
Classroom - General Purpose	102	110B	802
Classroom - Service	102A	115	12
Classroom - General Purpose	105	110B	817
Multi Purpose Room W/ rubber floor	107	520E	1,070
Multi-purpose Room w/ Rubber floor and turf	109	520E	1,259
Multipurpose Room	New	520E	644
Athletics			
Athletics Office Suite (12 Offices)	New	310	1,990
Open Office	141	310	396
Service / Storage	142	315	67
Workroom	New	315	80
Conference Room	New	350	220
Women's Locker Room (45 Students)	New	525	845
Women's Locker Room (55 Students)	New	525	1,177
Men's Locker Room (85 Students)	New	525	1,450
Men's Locker Room (40 Students)	New	525	800
Visiting Locker Room (40 Students)	New	525	470
Visiting Locker Room (40 Students)	New	525	510
Two Official's Locker Rooms	New	525	300
Two Gender Neutral Toilet Rooms	New	525	120
Training Room	New	525	1,050
Athletic Equipment Services/Laundry	New	525	430
Grand Total			**14,509**

Calendar Year											
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Fiscal Year											
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Gym: Renovation of First Floor plus Facilities Maintenance

■ Submit Program ■ Design ■ Construction ■ FF&E/Set Up ■ Move In
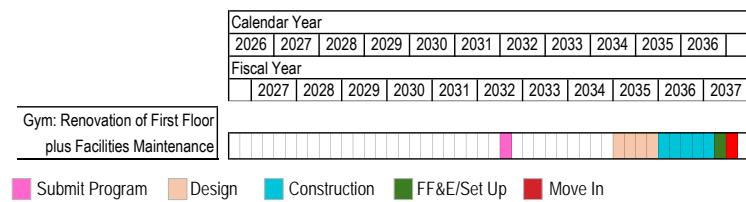
RECOMMENDED CAPITAL PROJECTS

REMOVAL OF THREE TEMPORARY BUILDINGS

Enabling Project: Completion of Math/CDC Building Renovation

The three remaining buildings at the south edge of the Main Campus are underutilized. The Modular Building (MOD) was removed from the campus in 2025. The Resource Management Building (RESM) will become vacant during the third quarter of 2033 when LRM staff in RESM move to the renovated Math Building. The College indicated that occupants in Annex A and Annex B could be moved elsewhere on campus and classes held in Annex B could be offered in other classrooms.

Roughly $215,000 per year is spent on operational costs for Annex A, Annex B, and the RESM Building. Failure to remove these buildings will prolong this annual expenditure to maintain surplus space on the Main Campus.

Allow $2,190,000 to remove the structures, terminate their utilities, and restore the site as-needed.

Calendar Year										
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Fiscal Year										
2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037

Remove Underutilized Modular Buildings
(Annex A, Annex B, RESM, MOD)

■ Building Removal
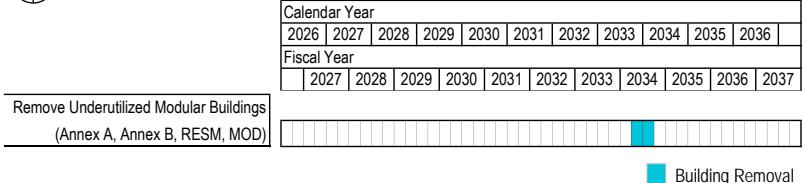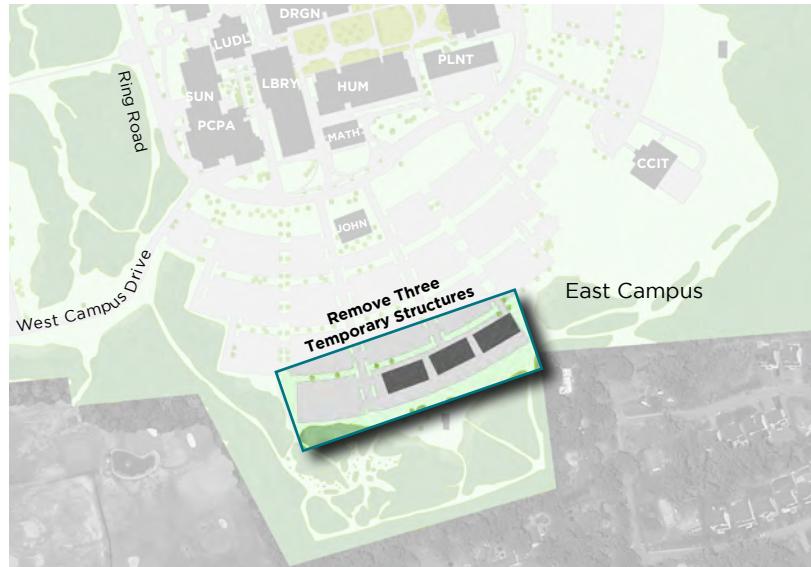
LONG-RANGE PROJECT

RENOVATE SPACE IN HUMANITIES BUILDING VACATED BY HCAT

Long-term, there will be space available in the Humanities Building once the Hotel Culinary Arts & Tourism (HCAT) addition to the Clauson Center for Innovation and Skilled Trades (CCIT) building is complete. There are multiple possibilities for these spaces: the Arts Hub (which has been temporarily relocated to the first floor of CALT), active learning classrooms, swing space for future renovations, and/or space for future academic programs. The same way that the labs in the Careers Building enabled the Dragun Science Building renovation, these spaces could serve as the stepping stone to future projects. The College will evaluate competing needs for the space as they arise.

The space program below lists the net area that will become available once HCAT vacates its space in Humanities. The total estimated cost to renovate the vacated space in 2025 dollars is $2,717,000, but the cost will vary depending on the final program of the renovation. The project could commence once the HCAT addition is complete. The project timeline suggests starting programming and design for the project after 2036, when the FMP implementation is nearing completion.
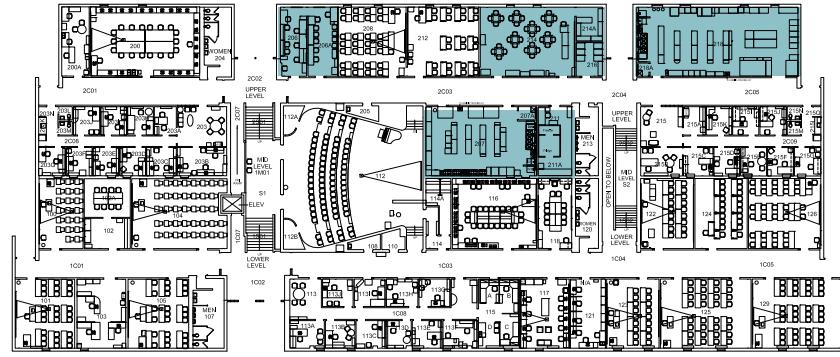
Available Rooms in Humanities Building

Space Description	Room Number	Existing FICM Code	Existing NSF
Class Lab - Dry	214	210D	790
Class Lab - Wet	218	210W	1314
Class Lab - Service	211A	215	207
Class Lab - Service	214A	215	107
Class Lab - Wet	207	215	882
Shared	206	215	217
Shared	208A	215	248
Private	211	310	75
Office Service	216	315	107
Grand Total			**3,947**

POTENTIAL SPACE ALLOCATION CHANGES

SATELLITE SITES

Consideration should be given to the future of both the Glen Burnie Town Center (GBTC) and Anne Arundel (AMIL) sites. The number of students taking courses at both locations has decreased significantly since the COVID pandemic. Many students now choose to take courses online rather than at these locations. The charts at right show the weekly student contact hour capacity and demand at each location. If a student occupied a seat for any duration of time in fall 2023, it is reflected as part of the green sections in the charts. Gray sections show unused capacity. At Glen Burnie Town Center, nearly 77 percent of the classroom and lab capacity was unused. At Arundel Mills, over 91 percent of instructional space capacity was not used.

The College reported there is an opportunity to partner with the Anne Arundel Workforce Development Corporation (AAWDC) at GBTC. The AAWDC would like to occupy a significant amount of space in the building, which would benefit students at GBTC who take English as a Second Language courses and/or are working towards their GED. Talks between AACC and the County are ongoing; funding to update spaces at GBTC has not been allocated.

The College is considering options to increase utilization at AMIL including creating an Adult Learning Center and/or offering pre-requisite health science courses to encourage students to attend at AMIL. Long-term, the College should consider AMIL's role and verify it is meeting AACC's needs.

Operational costs for GBTC are roughly $549,500 per year. Operational costs at AMIL are $775,000 per year. The College should explore options to reduce these costs.

Glen Burnie Town Center Weekly Student Contact Hour Demand and Capacity, Fall 2023
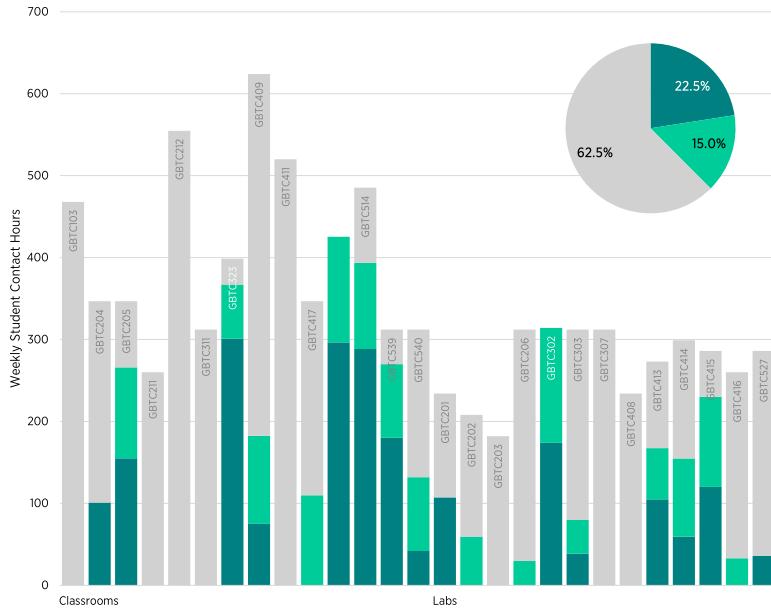
Arundel Mills Weekly Student Contact Hour Demand and Capacity, Fall 2023

Legend:
- Daytime Use
- Evening Use
- Unused Capacity
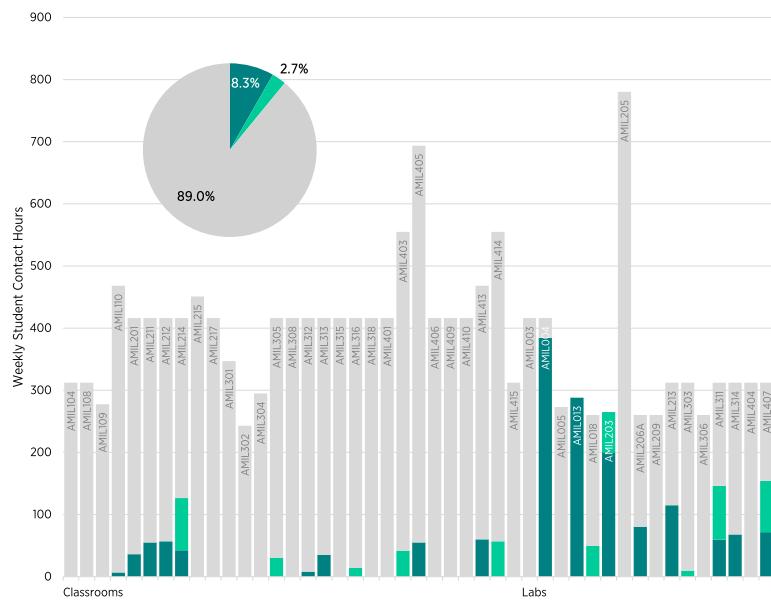
FACILITIES MAINTENANCE PROJECTS

AACC contracted with Bureau Veritas, an engineering firm, to produce a comprehensive evaluation of existing building, infrastructure, and site conditions on the Main Campus. The planning team, working closely with the College's Facilities staff, created a 10-year timeline that identifies the estimated cost of required facilities maintenance projects by year.

Buildings currently in renovation or scheduled for comprehensive renovation are excluded from the list on the facing page. Renovation will address all facilities maintenance needs in these buildings (projects to maintain health, safety, and the functioning of these buildings prior to their full renovation have been included).

Glen Burnie Town Center is excluded, due to its ongoing HVAC replacement and the potential reduced AACC occupancy on that site in the future. The Annexes, Modular Building, and RESM are also excluded.

The allowance for design fees was calculated according to the following assumptions.

• Not all projects will require professional design services. The consultant assumed 30 percent of the facilities maintenance projects (by cost) will require professional design services.

• Professional services were calculated at a rate of seven percent, assuming most projects are low- to mid-complexity endeavors that replace aging systems with modern, but similar, products (0.07 x 0.30 x escalated cost).

Facilities Maintenance Project Timeline

Project Midpoint (calendar year)	Design Fees	Construction Cost at Project Midpoint	Furnishings, Fixtures, and Equipment	Total Project Cost
2026	$237,470	$11,308,109		$11,546,000
2027	$257,205	$12,247,863		$12,506,000
2028	$105,862	$5,041,043		$5,147,000
2029	$197,418	$9,400,870		$9,599,000
2030	$105,244	$5,011,626		$5,117,000
2031	$28,926	$1,377,408		$1,407,000
2032	$73,282	$3,489,603		$3,563,000
2033	$103,926	$4,948,845		$5,053,000
2034	$222,404	$10,590,675		$10,814,000
2035	$12,183	$580,151		$593,000
2036	$53,478	$2,546,589		$2,601,000
Facilities Maintenance Projects				**$67,946,000**

Calendar Year: 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 '37
Fiscal Year: '26 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037

Facilities Maintenance Costs by Building

Location	Equipment & Elevator	Exterior Envelope	Interior Projects	MEP/HVAC/ Fire	Structural Work	Site - Bldg Adjacent	Site - Walks, Concrete	Site - Parking	Site - Lighting	Site - Not specified	Other	Subtotal	Allowance for Design Fees	Total
A. Cathryn Johnson Building (JOHN)	$78,500	$148,200	$172,500	$533,300	$13,000			$1,000				$946,500	$19,900	$966,400
Andrew G. Truxal Library (LBRY)	$18,600	$768,400	$729,900	$1,885,300	$7,000			$2,000		$2,100		$3,413,300	$71,700	$3,485,000
Arundel Mills (AMIL)	$196,400	$869,000	$1,620,100	$4,045,400			$30,700	$60,600		$765,600	$62,400	$7,650,200	$160,700	$7,810,900
Astronomy Lab (ASTR)	$22,400	$56,900	$25,300	$13,500		$12,000	$2,000	$4,200		$56,100	$15,200	$207,600	$4,400	$212,000
Athletic Building Storage Unit (ATST)		$15,400	$11,900	$19,400								$46,700	$1,000	$47,700
Athletic Restrooms (ATRM)		$84,200	$8,900	$1,500				$6,700				$101,300	$2,200	$103,500
Barn (BARN)		$152,000		$100,700								$252,700	$5,400	$258,100
Cade Center for Fine Arts (CADE)	$281,700	$588,600	$758,600	$2,489,400						$106,700	$4,700	$4,229,700	$88,900	$4,318,600
Careers (CRSC)	$124,400	$1,457,000	$1,853,500	$6,426,200		$6,700	$2,000			$6,200	$2,100	$9,878,100	$207,500	$10,085,600
Center for Applied Learning and Technology (CALT)	$234,000	$1,002,200	$1,468,800	$5,837,300						$56,600	$43,500	$8,642,400	$181,500	$8,823,900
Central Services Building (CSB)	$52,400	$43,700	$61,700	$516,200			$12,900				$308,300	$995,200	$20,900	$1,016,100
Henry Hank Libby Building (HANK)	$800	$77,200	$41,600	$82,000				$2,800		$20,100		$224,500	$4,800	$229,300
Humanities (HUM)	$530,600	$245,200	$998,900	$3,135,700	$1,800		$2,100				$25,000	$4,939,300	$103,800	$5,043,100
Ludlum Hall Administration Building (LUDL)	$17,800	$331,000	$274,300	$927,400						$6,000	$14,900	$1,571,400	$33,000	$1,604,400
Pascal Center (PCPA)	$2,000	$297,400	$166,900	$1,032,900			$8,700				$159,100	$1,667,000	$35,100	$1,702,100
Physical Plant (PLANT)	$14,300	$48,300	$136,400	$5,601,900				$400		$3,000	$427,600	$6,231,900	$130,900	$6,362,800
Site							$683,400	$1,983,800	$931,300	$11,951,200		$15,549,700	$326,600	$15,876,500
Total	**$1,573,900**	**$6,184,700**	**$8,329,300**	**$32,648,100**	**$21,800**	**$18,700**	**$741,800**	**$2,061,500**	**$931,300**	**$12,973,600**	**$1,062,800**	**$66,547,500**		**$67,946,000**

INDEPENDENT PROJECTS

Multiple projects were suggested in interviews and on-campus workshops that would be unlikely to rise to the level of a capital investment. The collage below reflects the array of ideas the planning team received. High-priority independent projects are described in detail on the following pages, but others may be undertaken ad-hoc if demand arises and funding becomes available.

Costs described for independent projects are based on cost-per-square foot estimates of similar projects in the Baltimore-Annapolis region and were not prepared by the Forella Group. They reflect the planners' professional opinion of 2025 probable project costs and should be verified by a professional estimator before starting project planning.

Independent Project: Locations for Art Installations

Independent Projects: CALT Atrium and Study Areas

Independent Projects: Outdoor recreation amenities and pavilion

Areas for art, indoors and out

Additional study and social spaces

More multi-modal transportation amenities

More fitness and recreation amenities

Food truck corral on West Campus

Better outdoor gathering spaces

Family study lounge

Included in Facilities Maintenance & Capital Projects

Independent Project: Improve Accessibility at Athletic Fields

Modernize systems (HVAC, lighting, site lighting, etc.)

Update/standardize instructional environment and equipment

Modernize buildings: efficiency, aesthetics, accessibility

Create hoteling office suites

Improve signage and wayfinding, indoors and out

Enhance accessibility, indoors and out

Provide single-occupant restrooms throughout

Make a home for the Arts Integration Hub

Expand offerings at CCIT and provide air conditioning

Improve visual and performing arts spaces (storage, right-sized studios)

Create a Technology Innovation Center near the CALT Cyber Range

Reallocate/renovate space for changing Business & Law programs

Reallocate/renovate space for changing Health Science programs

Relocate the TEACH Institute to Arnold Campus

INDEPENDENT PROJECTS

I-1 **CREATE INFORMAL STUDY AND MEETING SPACES**

During on-campus workshops, students reported the informal spaces in the new Health and Life Sciences Building were some of their favorite places to spend time. The FMP recommends creating a variety of study and meeting spaces college-wide, such as conversational zones, quiet zones, or nature-inspired spaces.

These are high impact projects that are relatively low cost. Informal study and meeting rooms should be created in the Careers Building and the Cade Center before 2028, with additional improvements campuswide as funding allows.

Allow up to $175,000 to create a cluster of nooks or a single lounge of up to 400 square feet and replace finishes, fixtures, and furnishings in nearby affected areas.

I-2 **MAKE ADDITIONAL SMALL GROUP STUDY ROOMS IN THE LIBRARY**

Library staff reported that quiet study rooms are in use during most of the building's open hours. Students requested additional study rooms for groups of four to six. By relocating stacks to an underutilized portion of the first floor computer lab, up to five additional six-person study rooms could be created.

Allow $800,000 to renovate 2,000 square feet, relocate library stacks, and replace finishes, fixtures, and furnishings where affected.

Examples of informal study and meeting spaces

New Study Rooms

Library Entrance

Relocate Stacks
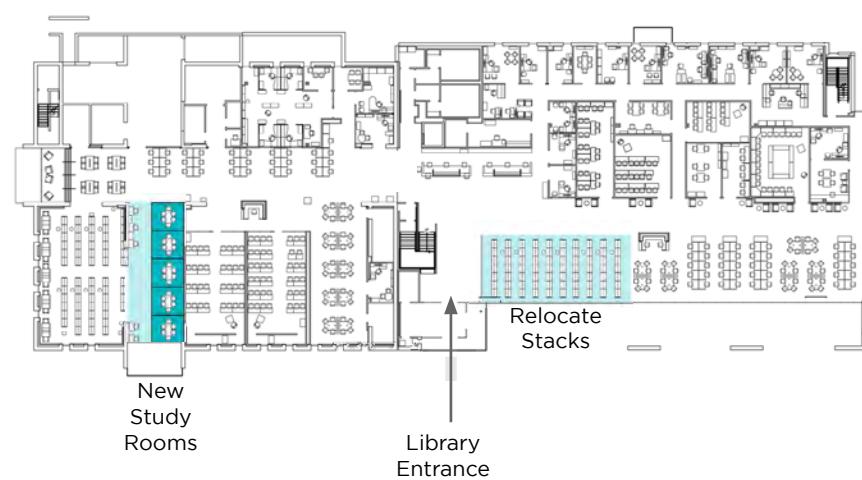
Andrew Truxal Library First Floor

I-3 IMPROVE ACCESSIBILITY AT ATHLETIC FIELDS

Topography at the north side of the Main Campus makes accessing the athletic fields difficult for individuals with mobility challenges. While the raised berm between the soccer field and the baseball field provides an accessible vantage point for viewing athletic events, a few minor interventions would provide accessible routes and viewing stations at the baseball and soccer field level.

Creating a curb cut at the northeast corner of the baseball field's parking lot and providing a short sidewalk and concrete pad behind the pitcher's mound would improve access to the baseball field (A).

Pedestrian access to the soccer field stands is via a vehicular path that serves the Athletic Storage Building. The roadway is too steep to be an accessible route to the stands (B). The area on the left of the roadway could be regraded and the sidewalk could be extended from the base of the concrete site stair to the stands (C). A small retaining wall would be required and a gate through the fence would need to be installed.

Allow $210,000 to regrade slopes, build retaining walls where required, create two new concrete walks with ramps and railings.
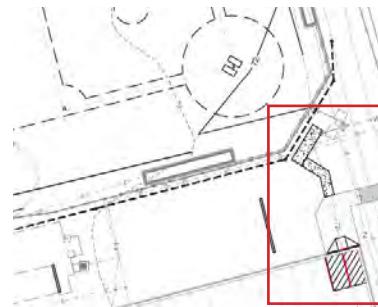
OTHER ATHLETICS FACILITIES NEEDS

Additionally, the College enlisted an engineer to review the condition of the athletic playing fields and provide a list of potential improvements that should be considered in the future. The College plans to work with a civil engineer and Athletic Department staff to plan upgrades to the baseball field, softball field, and stadium that will be implemented as funding allows. No potential costs were prepared for these projects.

Baseball

- Level outfield
- Permanent water source for field for irrigation
- New fence with windscreens
- Warning track
- Correct drainage at 3rd base and foul territory
- Review management of water draining from hill side
- Sod on 3rd base side
- Greenery and upkeep – use of a maintenance contract
- Plantings behind the fence
- Wall at the flyball catcher
- Stone dust under bleachers
- Press box
- Bermuda grass

Softball

- Evaluate leveling field
- Grass and weed control
- New fence
- Warning track
- Irrigation
- Stone dust under bleachers
- Bermuda grass
- Storage
- Improve lighting
- Stadium
- Stadium bleachers have some sections with structural problems
- Accessibility
- Practice Fields
- Level fields

A

B

Create retaining wall and graded ramp

C

INDEPENDENT PROJECTS

I-4 **NEW OUTDOOR RECREATION AND DINING AMENITIES**

FOOD TRUCK ZONE AND RECREATION PAVILION

Food trucks are a popular option for students and staff. The College would like to create a dedicated space for food trucks to park on West Campus that will encourage a regular schedule for them to be at AACC.

Directly across from Florestano and just beyond the end of the pedestrian bridge, there is an unpaved path and informal footbridge that crosses a drainage swale and continues along the east side of the CALT Building (A). Near Parking Lot G, an existing grassy area would be an ideal location for an open pavilion where people could sit to enjoy meals (B). A pavilion in this location would have access to the CALT Atrium, making it an ideal location for events and activities. Designated parking for food trucks could be provided in the southeast corner of Parking Lot G.

Allow $500,000 for an 800 square foot pavilion with associated hardscape, landscaping, furnishings, fixtures, and equipment.

FITNESS COURT

AACC's Athletic Director proposed the installation of an outdoor fitness court to provide additional fitness opportunities for the campus community. The National Fitness Campaign's (NFC) outdoor Fitness Courts® are built to deliver seven-minute bodyweight workouts for people of all ages and ability levels. NFC also collaborates with partners to host workout classes in person and offers free digital classes through the Fitness Court® app.

A possible location for the court could be the open area west of the Gymnasium Building and north of the SSVC (C). The court measures 38 feet by 38 feet and can accommodate up to 28 people at once. This site is currently used as a retention area for rainwater runoff, so a significant amount of infrastructure work could be required to render it suitable for the court. However, the proximity to lockers in the Gymnasium Building and the new Student Engagement Center in the SSVC makes this site a good candidate for the court.

Allow $200,000 for a 1,400 square foot court with associated drainage work, hardscape, landscaping, furnishings, fixtures, and equipment.

**I-5** **ENERGIZE THE CALT ATRIUM**

The CALT Atrium is no longer a hub of activity on West Campus now that Chick-fil-A has moved the HLSB Building on East Campus. The multi-story atrium needs an upgrade to transform it into a destination. Students want to preserve the trees and would like to see additional bio-inspired elements. They also indicated that they would like more comfortable and varied study spaces.

The insertion of study pods and high-quality vending, like Farmer's Fridge, would expand West Campus food options and create a variety of places for socializing and study.

Allow $1,750,000 to renovate the entire 3,640 square foot atrium, or perform incremental upgrades to modernize finishes, fixtures, and furnishings.

Potential amenities to include in a CALT Atrium renovation

CALT Atrium

INDEPENDENT PROJECTS

E **I** **LOCATIONS OF ART INSTALLATIONS, MEMORIALS, GIFTS, AND DONATIONS**

AACC has always provided spaces for the display of student and community artwork, such as the new wall mural in the CALT Building painted by a student art class. The College is seeking to establish a committee to develop goals for existing and future public art spaces and establish life cycle and care guidelines for art, memorials, and landscaping installations. Locations of existing exterior (red) and interior (yellow) installations are identified on the following page. The proposed committee will review potential locations for future installations.

AACC should anticipate some costs will be incurred to prepare sites for art and memorial installations, including lighting, structural improvements, finishes upgrades, and landscape upgrades.

1 Memorial Field
2 Martin Luther King Monument
3 Butterfly Garden
4 Frontier Sculpture
5 Public Display
6 Sculpture Garden
7 Memorial Garden

1 Faculty Art
2 CADE Art Gallery (rotating exhibits)
3 Community and Student Art
4 Pascal Gallery (rotating exhibits)
5 Community and Student Art
6 Student Art
7 Student Art
8 Student Art

Cade Center Gallery

Martin Luther King, Jr. Memorial
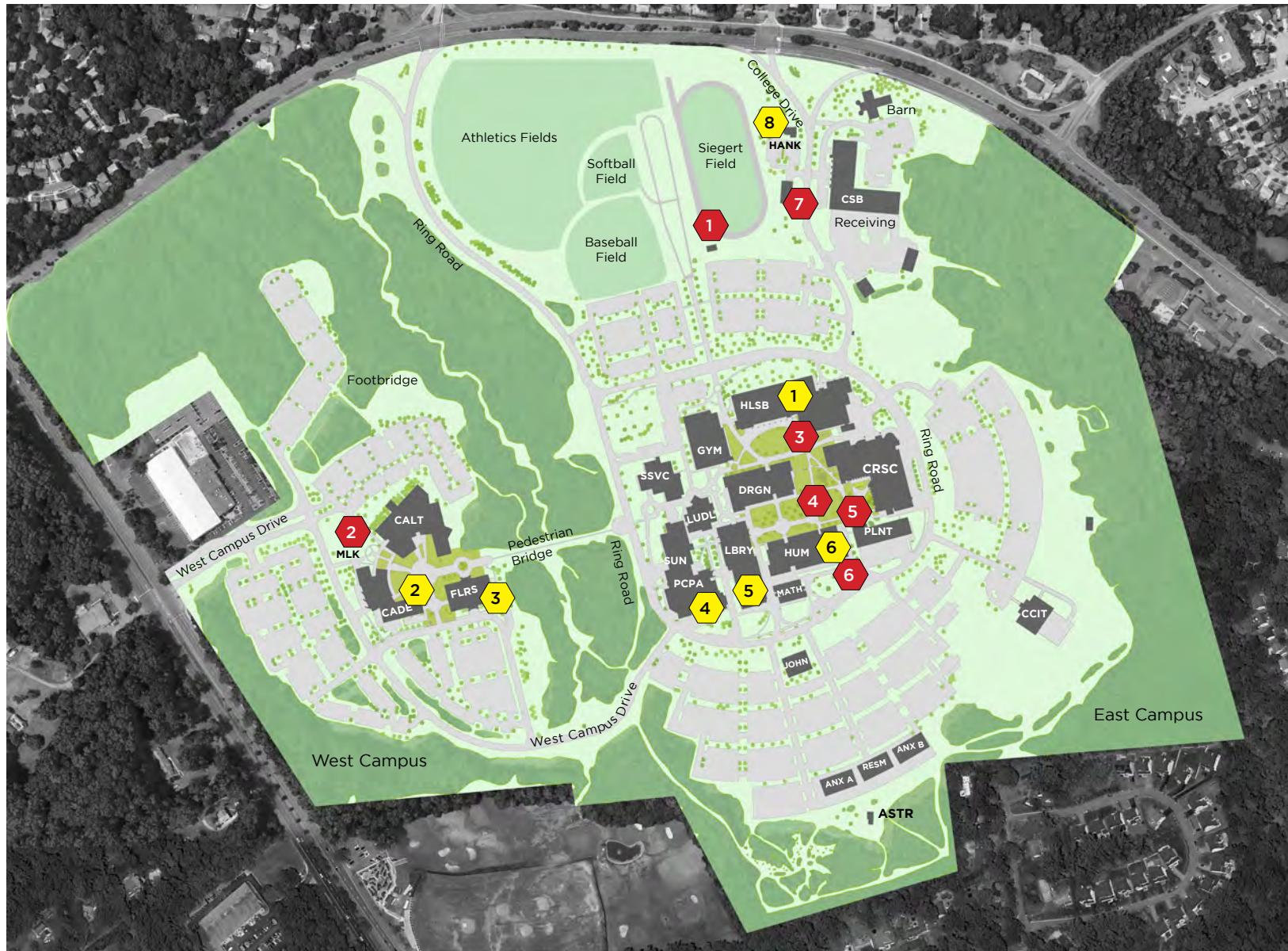
INDOOR AND OUTDOOR ART LOCATIONS

E — Exterior Location

F — Interior Location

CONCLUSION

AACC has proven itself to be a responsible steward of its physical resources. Evidence of the College's diligent implementation of past Facilities Master Plan recommendations is present at every location.

The College has few pressing space needs. After the HCAT addition is complete, no net new space need is expected. As a result, work on the Arnold Campus will be focused on renewal and modernization.

Every campus improvement, from the smallest independent project to a comprehensive building renovation, is an opportunity for AACC to demonstrate its values. Through the next decade, between 2026 and 2036, AACC will nurture

COMMUNITY AND RELATIONSHIPS,

by creating customized spaces to teach students in-demand skills, responding to regional workforce needs, strengthening existing corporate relationships, and forging new opportunities.

OPPORTUNITY,

by ensuring access to AACC's outstanding programs through outreach, flexible instructional delivery, online and hybrid programs, and unwavering student support.

POSITIVITY,

by recognizing the potential in its existing physical resources - from buildings to natural areas - and maximizing the value these resources offer to AACC and Anne Arundel County.

INNOVATION AND CREATIVITY,

by creating spaces, indoors and out, where the AACC community can be inspired and empowered to try new things, hone their skills, and excel.

EQUITY AND INCLUSION,

by prioritizing accessible spaces at all locations and fostering feelings of welcome and affinity in students, employees, and guests.

APPENDIX A

Building Use and Condition

Building Use and Condition

INTRODUCTION

The Facilities Assessment provides a comprehensive evaluation of existing campus buildings and infrastructure to inform future planning and investment. Each building has been assessed across the following key categories to determine its overall condition, functionality, and ability to support current and future programmatic needs. Together, these categories provide a detailed picture of each facility's strengths, deficiencies, and potential needs for maintenance, renovation, or replacement.

FCI RATING

The Facilities Condition Index (FCI) is a standard benchmarking tool used to assess the overall condition of a building by comparing the cost of needed repairs to the replacement value. A lower FCI indicates a facility in better condition, with values typically categorized as excellent, good, fair, or poor.

SUITABILITY

Suitability evaluates how effectively the building supports its intended use, including academic, administrative, or support functions. This category considers whether the layout, space types, and configuration align with current programmatic needs and pedagogical models. It also assesses the building's flexibility to adapt to future uses or evolving institutional priorities.

BUILDING DATA

The building data section includes essential identifying information such as the year the building was built, construction type, total net and gross square footage, utilities, and its departments. This information provides a baseline understanding of the building's purpose and physical footprint within the broader campus context. It also helps to frame the facility's age and scale, which are important factors in evaluating its overall condition and future needs.

ARCHITECTURAL

The architectural assessment focuses on the physical condition of the building envelope and interior spaces. This includes walls, roofs, windows, doors, floors, and finishes, as well as compliance with accessibility standards such as ADA. A sound architectural condition supports both the longevity of the structure and the comfort of its occupants.

MECHANICAL

Mechanical systems are reviewed to determine the performance, efficiency, and remaining service life of the heating, ventilation, and air conditioning (HVAC) systems. This includes evaluating whether systems are properly sized, well-maintained, and capable of maintaining indoor air quality and thermal comfort. Outdated or failing systems can significantly impact occupant satisfaction and operational costs.

ELECTRICAL

The electrical section covers the capacity and condition of the building's electrical infrastructure, including power distribution, lighting systems, emergency power, and life safety systems. It also considers whether the electrical systems can support current and future technology needs, such as increased demand for computing, data, and instructional equipment.

PLUMBING

The plumbing evaluation assesses the condition and adequacy of the building's domestic water supply, drainage systems, and plumbing fixtures. This includes functionality, code compliance, and any observed signs of aging infrastructure such as leaks, corrosion, or insufficient water pressure. Reliable plumbing is essential for occupant health, comfort, and building operation.

Quad in Front of the Student Services Center

OTHER SYSTEMS

Other systems are additional building infrastructure or specialized systems not captured in the previous categories. These may include elevators, IT and telecommunications infrastructure, building security systems, audiovisual systems, and lab or medical equipment where applicable. These systems are assessed based on their relevance to the building's use, functionality, and condition.

ACCESSIBILITY

The accessibility assessment evaluates how well the building accommodates individuals with disabilities in accordance with ADA standards and design principles. This includes the presence and condition of accessible entrances, pathways, restrooms, signage, elevators, and door hardware. The goal is to provide full accessibility in all campus buildings and landscapes, creating an inclusive campus environment where all students, faculty, staff, and visitors can navigate and use facilities independently.

Arnold Campus

FACILITY CONDITION AND ASSET MANAGEMENT

The data regarding facility condition and asset management presented in this report is based on the 2024 Facility Condition Assessment (FCA) conducted by Bureau Veritas, a professional engineering firm contracted by AACC. The FCA categorizes building needs into seven key plan types:

- Accessibility - compliance with ADA and universal design standards
- Aged But Functional - systems that are operating but nearing or past their expected service life
- Environmental - improvements or remediation related to environmental conditions or hazards or upgrades to support sustainability and environmental compliance
- Lifecycle/Renewal - planned replacements based on expected system lifespans
- Performance/Integrity - deficiencies that impact building function or reliability
- Safety - building elements that are critical to occupant health and safety
- Retrofit/Adaptation - system upgrades or modifications required to bring existing infrastructure up to current standards or adapt spaces for new uses

Each building description includes a chart summarizing the percentage of renewal costs from each category, along with the total projected cost over the next ten years.

Martin Luther King Jr. Statue on Arnold Campus

Building Use and Condition - Arnold Campus

ANNEX A

■ Excellent	■ Fair
■ Good	■ Upcoming Project
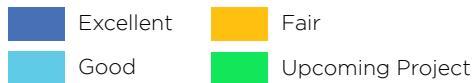
FCI RATING

Based on the FCI rating system, Annex A has an FCI rating of fair, indicating that the building requires moderate repairs and improvements to address deferred maintenance and aging infrastructure.

SUITABILITY

Classroom configuration and office configuration in Annex A is suitable for temporary use, such as for swing space to facilitate renovations elsewhere on campus. Its location makes it undesirable for regular use.

CONSTRUCTED

2007

CONSTRUCTION TYPE

- Modular building on concrete slab
- Flat roof with EPDM membrane

SPACE DATA

- Net Assignable Square Feet: 5,300
- Gross Square Feet: 7,627
- Floors above grade: 1

UTILITIES

- Sprinklers: None
- HVAC: Packaged rooftop units with DX cooling
- Electric: Fed from Physical Plant primary loop, feeds the Astronomy Building

DEPARTMENTS

- General purpose classrooms

ARCHITECTURAL

The building envelope shows failed joints and deteriorated elastomeric sealants at windows and doors, missing door sweeps, and worn weather stripping. The roof is original to its 2007 construction and has drainage issues, areas requiring membrane patching, and sections of missing insulation. Most Interior finishes are in fair condition except for the carpeting that is worn and beyond its expected service life.

MECHANICAL

The building's mechanical system is comprised of multiple packaged rooftop heating, ventilation, and air conditioning (HVAC) units and associated ductwork, all original to the building and in fair condition. The system remains operational and provides adequate air distribution, though it reflects the age and limitations of the building's original infrastructure.

ELECTRICAL

The building's electrical system, including the distribution panel and interior lighting, is original to the building and rated in fair condition. While the systems remain operational, they are aging and lack the efficiency and flexibility of modern infrastructure.

FIRE PROTECTION

The building is equipped with a full addressable fire alarm system, installed in 2007. While the system remains functional and meets current safety needs, it is considered aged.

PLUMBING

The plumbing system is original and rated in fair condition, with no immediate failures but showing signs of age. The water heater is also original and in poor condition; while functional, it is past its expected useful life.

OTHER SYSTEMS

The building's security system is original and rated in fair condition. Although it is aging, it remains functional and continues to support basic safety and monitoring needs.

ACCESSIBILITY

The building met ADA requirements at the time of construction and thus remains compliant today. Accessible ramps are provided at all three building entrances, and interior spaces include compliant restrooms. One parking space is missing pole-mounted accessibility signage, which is not in compliance; this issue is included in the College's upcoming project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart for Annex A illustrates the distribution of building renewal costs across key condition categories. Approximately 18.7% of the building's anticipated facilities maintenance costs fall under Performance/Integrity, which includes issues such as the building envelope and worn interior carpeting. Another 17.1% is categorized as Aged But Functional, including elements like wall finishes and tile flooring that remain in use but are nearing the end of their service life. The majority of identified needs fall under Lifecycle/Renewal, reflecting upcoming investments required for systems such as rooftop HVAC units and the plumbing system. The total estimated investment needed over the next ten years to address these deficiencies is $458,900.

10-Year Total: $458,900

🟧	Performance/Integrity	$85,600
🟦	Accessibility	$500
⬛	Aged But Functional	$78,400
⬜	Lifecycle/Renewal	$294,400

Building Use and Condition - Arnold Campus

ANNEX B

■ Excellent	■ Fair
■ Good	■ Upcoming Project
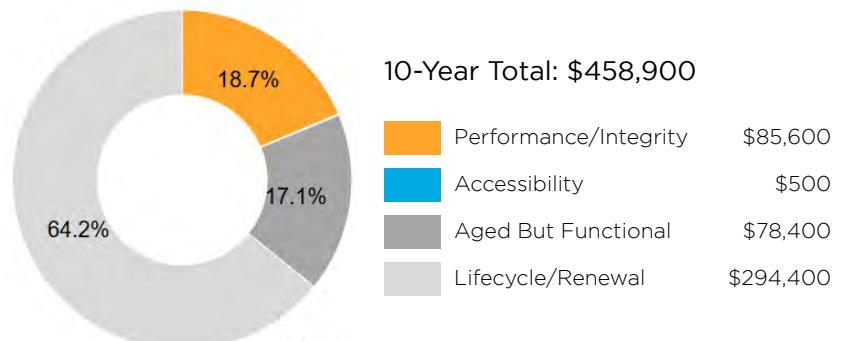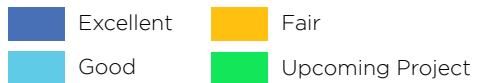
FCI RATING

Annex B has an FCI rating of fair, indicating that the building has several areas in need of repair or upgrade. While it remains operational, aging systems and deferred maintenance may impact its long-term performance.

SUITABILITY

Classroom configuration and office configuration in Annex A is suitable.

CONSTRUCTED

2008

CONSTRUCTION TYPE

- Modular building on concrete footings
- Flat roof with EPDM membrane

SPACE DATA

- Net Assignable Square Feet: 5,432
- Gross Square Feet: 7,571
- Floors above grade: 1

UTILITIES

- Sprinklers: None
- HVAC: Packaged rooftop units with DX cooling
- Electric: Fed from Physical Plant primary loop, feeds the Astronomy Building

DEPARTMENTS

- General purpose classrooms

ARCHITECTURAL

Many exterior architectural elements are in good condition; however, the building envelope is in poor condition. The roof, original to the building's 2007 construction, exhibits drainage issues and requires membrane patching. Additional concerns include deteriorated elastomeric sealants around windows and doors, missing door sweeps, and worn weather stripping, all contributing to reduced envelope integrity and energy efficiency. Interior finishes are generally in fair condition.

MECHANICAL

The building's mechanical system consists of rooftop HVAC units and associated components, all original to the building's construction and currently in fair condition. While the system remains functional and continues to support building operations, it is approaching the end of its expected service life and reflects the limitations of aging infrastructure.

ELECTRICAL

The building's electrical system is largely original and rated in fair condition, with aging components that reflect the infrastructure's age. In contrast, the interior lighting system was upgraded in 2022 and is currently in good condition.

FIRE PROTECTION

The fire alarm system and control panel, installed in 2007, are in fair condition.

PLUMBING

The water heater, replaced in 2022, is in good condition. The original plumbing system is in fair condition, with aging distribution lines and components.

OTHER SYSTEMS

The security and surveillance system was upgraded in 2019 and is rated good.

ACCESSIBILITY

The building was constructed in compliance with ADA standards in effect at the time and remains accessible today. All three building entrances are equipped with accessible ramps, and interior spaces include ADA-compliant restrooms. One designated parking space lacks the required pole-mounted accessibility signage, a non-compliant condition that has been identified and included in the College's upcoming project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below shows that 26.4% of identified renewal costs fall under the Aged But Functional category, which includes elements such as wall finishes and exterior walls that are still in use but showing signs of wear. The majority of the building's needs, 69.1%, are classified as Lifecycle/Renewal, including key systems like the HVAC and plumbing, which are approaching the end of their expected service life. A small percentage is categorized under Performance/Integrity, primarily related to localized issues with the roof. The total estimated investment over the next ten years is $418,800.
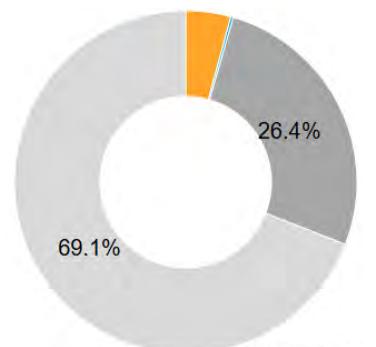
10-Year Total: $418,180

🟧 Performance/Integrity	$17,800
🟦 Accessibility	$1,000
⬛ Aged But Functional	$110,700
⬜ Lifecycle/Renewal	$289,300

26.4%

69.1%

Building Use and Condition - Arnold Campus

ASTRONOMY LAB (ASTR)

- Excellent
- Good
- Fair
- Upcoming Project
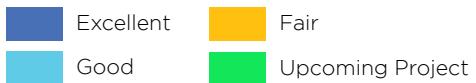
FCI RATING

The Astronomy Lab has an FCI rating of fair, indicating that the building has several areas in need of repair or upgrade. While it remains operational, aging systems and deferred maintenance may impact its long-term performance.

SUITABILITY

This remote building is suitable for its purpose of small group instruction on telescope use and astronomical observation.

CONSTRUCTED

1980

RENOVATED

2007

CONSTRUCTION TYPE

- Masonry walls and wood-framed roofs
- Shed roofs with asphalt shingles and flat roofs with built up membrane at lab

SPACE DATA

- Net Assignable Square Feet: 710
- Gross Square Feet: 864
- Floors above grade: 1

UTILITIES

- Sprinklers: None
- HVAC: Through-the-wall air-conditioning with electric heat
- Electric: Fed from transformer that serves the Resource Management

ARCHITECTURAL

Interior wall finishes, replaced in 2023, are in good condition. The exterior walls, original to the building's 1980 construction, are in poor condition, exhibiting cracked mortar joints, damaged bricks, and water staining, areas that require sealing to prevent further deterioration. The roof is also rated in poor condition, with a compromised membrane and deteriorated insulation that impact weather resistance and energy performance. The building envelope is included in the College's upcoming project list.

MECHANICAL

The building's mechanical system includes unit heaters installed during the 2007 renovation, which are currently in fair condition. A packaged terminal air conditioner, installed in 2000, remains functional but is well beyond its expected service life.

ELECTRICAL

The building's electrical system and interior lighting, both installed during the 2007 renovation, are in fair condition.

FIRE PROTECTION

The building's fire alarm system, installed in 2007, is in fair condition and due for an upgrade. The fire alarm control panel was replaced in 2023 and is in good condition.

PLUMBING

The water heater, replaced in 2011, is rated fair. The original plumbing system is in fair condition, with aging distribution lines and components.

OTHER SYSTEMS

The parking lot is in fair to poor condition, with pavement cracking, surface raveling, and faded striping. These conditions affect both appearance and functionality.

ACCESSIBILITY

Renovated in 2007, the building meets current accessibility standards including a fully accessible elevator. Walkway and curb cut ramp upgrades have been identified by the College to improve ADA-compliant paths of travel. These items are included in the College's project list for future implementation.

FACILITIES CONDITION AND ASSET MANAGEMENT

The Astronomy chart illustrates that 49.7% of renewal costs fall under the Lifecycle/Renewal category, including systems such as the vertical lift, property and building signage, and structural framing. Performance/Integrity accounts for 25.2% of costs, related to roof appurtenances and exterior wall conditions. Aged But Functional components represent 25.1%, and a small percentage is allocated to Accessibility improvements, specifically for repairing paths of travel. The total estimated investment over the next ten years is $198,900.

10-Year Total: $198,900

Performance/Integrity	$50,200
Accessibility	$2,000
Aged But Functional	$47,900
Lifecycle/Renewal	$98,800
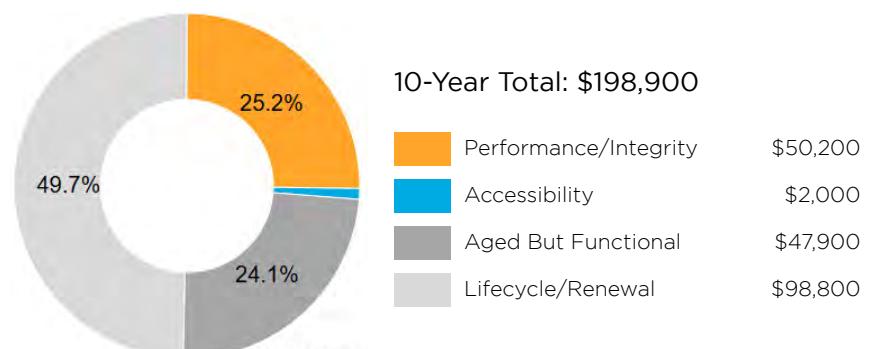
Building Use and Condition - Arnold Campus

ATHLETICS RESTROOMS (ATRM)

Excellent
Good
Fair
Upcoming Project
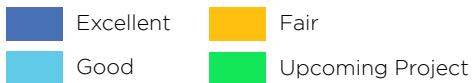
FCI RATING

The Athletics Restroom Building has an FCI rating of excellent, indicating that the building is in outstanding condition with minimal or no deferred maintenance.

SUITABILITY

This building is suitable for its use as restrooms for athletics fields.

CONSTRUCTED

1986

RENOVATED

2004

CONSTRUCTION TYPE

- CMU exterior bearing walls that support a steel framed roof construction
- Brick masonry exterior veneer accented with metal panels
- Flat roofs with a single-ply membrane

SPACE DATA

- Net Assignable Square Feet: 0
- Gross Square Feet: 788
- Floors above grade: 1

UTILITIES

- Sprinklers: None
- HVAC: The building is not heated or cooled. The bathrooms are ventilated by two mechanical exhaust fans.
- Electric: 100 amps, 120/208 volt three-phase four-wire alternating current

DEPARTMENTS

Not Applicable

ARCHITECTURAL

Interior finishes were updated in 2020 and are in good condition. The building envelope, original to the 1986 construction, is in fair-to-poor condition. Mortar joint failures and aging, brittle sealant are present.

MECHANICAL

Unit heaters, replaced in 2020, are in good condition.

ELECTRICAL

The electrical and interior lighting systems, replaced in 2020, are good condition.

PLUMBING

The plumbing system, replaced in 2020, is good condition.

OTHER SYSTEMS

The security and surveillance system, replaced in 2020, is good condition. The parking lots, original to the 1986 construction, are in poor condition due to longitudinal and transverse cracking.
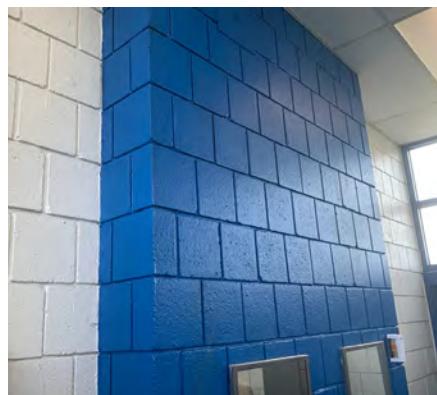
FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that 65.4% of identified renewal costs fall under the Lifecycle/Renewal category, with the largest investments related to exterior lighting and roofing. The remaining 34.6% is categorized under Performance/Integrity, including deficiencies in the exterior walls and parking lot. The total estimated investment over the next ten years is $31,800.

10-Year Total: $31,800

34.6%

65.4%

Performance/Integrity	$11,000
Lifecycle/Renewal	$20,800

Building Envelope

Interior Finishes
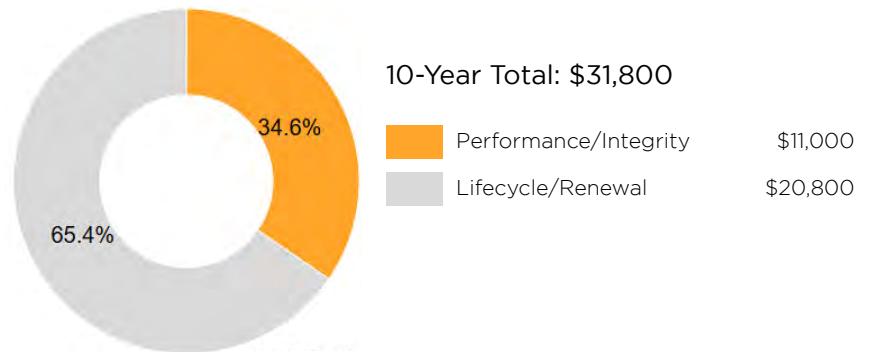
Unit Heater

Parking Lot

Building Use and Condition - Arnold Campus

CAREERS CENTER (CRSC)

Excellent	Fair
Good	Upcoming Project
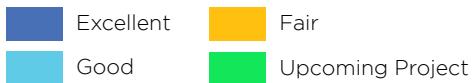
FCI RATING

The CRSC Building has an FCI rating of good, indicating that it is in sound condition with only minor repairs or upgrades needed. The facility functions well and does not have significant deferred maintenance concerns, making it a reliable asset for ongoing academic and administrative use.

SUITABILITY

This three-story building houses classrooms, faculty offices, the Math Lab, and science labs. Spaces are sized and configured appropriately for their uses, though science labs require equipment upgrades if they will continue to be used for instruction.

CONSTRUCTED

1973

RENOVATED

- 2006
- 2009

CONSTRUCTION TYPE

- CMU load bearing exterior walls and interior steel columns steel framed roof
- Gabled roofs with asphalt shingles and flat roofs with (TPO) membrane

SPACE DATA

- Net Assignable Square Feet: 76,263
- Gross Square Feet: 117,650
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Heated water and chilled water from the central plant with its own set of pumps in central plant.
- Electric: Fed from the Physical Plant primary loop

DEPARTMENTS

- Environmental Center Labs
- World Language Labs
- Video Conferencing
- Classrooms
- Ceramics Lab and Pavilion
- Computer Commons
- Classrooms,
- Offices
- Learning/Study Areas

ARCHITECTURAL

Improvements made in 2020 included interior wall finish upgrades, which are in good condition. The building envelope and interior ceilings are in fair condition and show signs of deterioration. The roof shows signs of heavy wear including several holes in the membrane and ponding water. The east elevation metal roof is missing icebreakers.

MECHANICAL

The split ductless heating and cooling system was replaced in 2023 and is in good condition. The boiler and BAS/HVAC system are in fair condition and continue to support building operations. A radiator unit, updated during the 2009 renovation, is in poor condition with visible rust and corrosion. The air compressor has failed and is out of service. Its replacement is included in the College's project list.

ELECTRICAL

The electrical and exterior and interior lighting systems, updated in the 2009 renovation, are in fair condition.

FIRE PROTECTION

Replaced during the renovation, the fire alarm panel and system are in fair condition; however, the older fire alarm panel unit, although functional, is at the end of its expected life.

PLUMBING

The building's plumbing system, including supply and sanitary piping, is original to the 1973 construction and is in fair condition. However, the system lacks adequate shutoffs and control valves, which limits maintenance flexibility and response efficiency.

OTHER SYSTEMS

Most site components, including lighting and sidewalks, are in good condition. The casework in the toilet rooms is in poor condition. The plastic laminate counter tops are stained, warped, and showing significant signs of wear.

ACCESSIBILITY

Renovated in 2006 and 2009, the building meets current accessibility standards including fully accessible elevators that connect all floors.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that the majority of identified renewal costs, 53.1%, fall under the Lifecycle/Renewal category, reflecting upcoming replacements for core building systems. The Safety category represents the smallest portion and includes items such as emergency plumbing fixtures and eye wash stations. Aged But Functional assets account for a portion of the needs and include systems like plumbing and air conditioning that are still operational but aging. Retrofit/Adaptation, at 9.9%, includes upgrades to systems such as BAS/HVAC controls, rooftop units, and fire suppression systems to meet current standards or improve efficiency. The total estimated investment over the next ten years is $8,722,100.

10-Year Total: $8,722,100

■	Safety	$1,500
■	Performance/Integrity	$1,519,500
■	Retrofit/Adaptation	$ 860,200
■	Aged But Functional	$1,710,600
■	Lifecycle/Renewal	$4,630,300
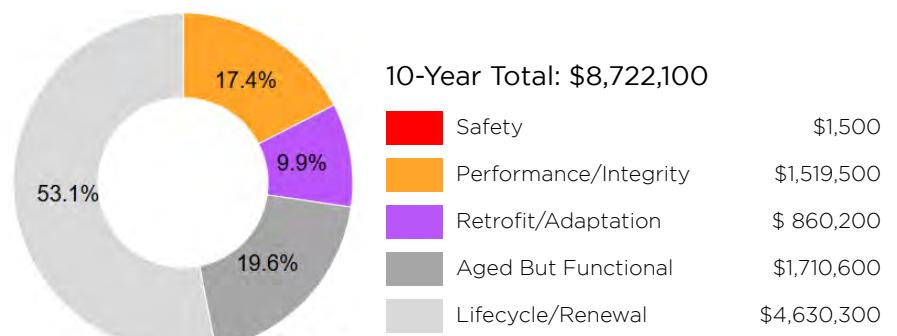
Building Use and Condition - Arnold Campus

JOHN A. CADE CENTER FOR FINE ARTS (CADE)

- Excellent
- Good
- Fair
- Upcoming Project
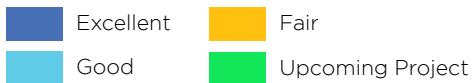
FCI RATING

The John A. Cade Center for Fine Arts (CADE) has an FCI rating of good, indicating the building is in generally satisfactory condition with only limited maintenance concerns. It effectively supports its academic and artistic functions, with key systems performing as intended.

SUITABILITY

Instructional spaces in CADE were purpose-built for instruction in fine arts. They are suitable in configuration and size. Offices, study, and social spaces are suitable.

CONSTRUCTED

1997

RENOVATED

- 1993 - Partial Renovation
- 2007 - Accessibility Improvements

CONSTRUCTION TYPE

- Slab on grade steel frame with CMU exterior envelope roof
- Built up roof with gravel ballast and metal standing seam

SPACE DATA

- Net Assignable Square Feet: 35,914
- Gross Square Feet: 64,506
- Floors above grade: 3

UTILITIES

- Sprinklers: Yes
- HVAC: Hot water boiler heating system and chilled water central cooling system with chiller and cooling tower
- Electric: Fed from BGE transformer. Electrical equipment remains from 1997 construction

DEPARTMENTS

- Art, Communication Arts
- Theater Arts, Dance, Music

ARCHITECTURAL

Most architectural elements are original to the building's 1997 construction. The exterior concrete stairs are in good condition, while other components such as interior finishes and glazing are in fair condition. The roof is in poor condition, with deteriorated flashing and membrane, damaged soffits, and compromised sealant joints at decorative limestone features. Roof repairs and replacements are included in the College's project list.

MECHANICAL

The BAS/HVAC controls, cooling tower, and pumps were replaced in 2024 and are in excellent condition. Exhaust fans, original to the 1997 construction, are in poor condition. Most other original systems, including HVAC, are in fair condition.

ELECTRICAL

The electrical and interior lighting systems are original to the building and in a fair condition. A majority of the building is lit with fluorescent lighting, which do not provide high quality or energy efficient illumination.

FIRE PROTECTION

The fully addressable fire alarm panel was updated in 2020. The fire alarm and fire suppression systems are original to the construction and in fair condition.

PLUMBING

Original to the construction, the plumbing system is in fair condition. The water heater was replaced in 2020.

OTHER SYSTEMS

Most other systems are original to the building and in fair condition, including exterior signage, site components, interior casework and food service equipment.

ACCESSIBILITY

Accessibility improvements were made to the building in 2007, bringing it into compliance with contemporaneous ADA standards. Upgrades included fully accessible elevators serving all floors and compliant toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The Cade Center for Fine Arts chart shows that a small portion of identified renewal costs, $1,500, fall under the Safety category, including emergency plumbing fixtures and eye wash stations. Retrofit/Adaptation represents 7.8% of the total needs, such as upgrades to the interior lighting system and rooftop HVAC units. The majority of needs are classified under Lifecycle/ Renewal, which includes major systems like the boiler, chiller, and curtain wall. The total estimated investment over the next ten years is $3,867,600.
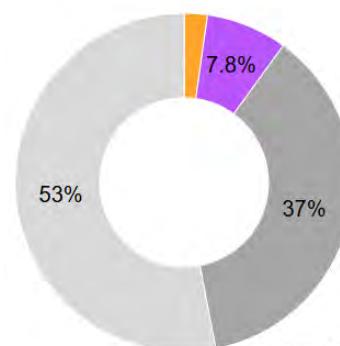
10-Year Total: $3,867,600

🟥	Safety	$1,500
🟧	Performance/Integrity	$84,600
🟪	Retrofit/Adaptation	$300,700
⬛	Aged But Functional	$1,431,000
⬜	Lifecycle/Renewal	$2,049,800

Building Use and Condition - Arnold Campus

CENTER FOR APPLIED LEARNING AND TECHNOLOGY (CALT)

Legend:
- Excellent
- Good
- Fair
- Upcoming Project
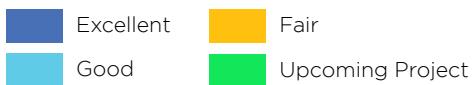
FCI RATING

Based on the FCI rating system, the Center for Applied Learning and Technology (CALT) has a rating of good, reflecting its overall reliable condition with only minor maintenance requirements. The building continues to effectively support instructional and technological programs.

SUITABILITY

Instructional spaces in CALT were purpose-built for technology disciplines like computer science, architectural technology, and manufacturing technology. Criminal Justice and Continuing Education Vocational Training programs also use the building. Instructional spaces are suitable in configuration and size. Offices, study, and social spaces are suitable.

CONSTRUCTED

2004

CONSTRUCTION TYPE

- Steel frame with concrete-topped metal decks
- Flat roofs with built-up membrane

SPACE DATA

- Net Assignable Square Feet: 60,286
- Gross Square Feet: 106,270
- Floors above grade: 3

UTILITIES

- Sprinklers: Yes
- HVAC: Rooftop units with DX cooling serving VAV terminals
- Electric: Fed from BGE transformer

DEPARTMENTS

- Architecture
- Interior Design
- Computer Technology
- Cybercrime and Engineering Classrooms

ARCHITECTURAL

Most architectural elements date to the building's original 2004 construction and are in fair condition overall. Ceiling finishes are in poor condition, while ceramic tile in the toilet rooms is in good condition. The building envelope is rated poor, with multiple areas of failed joints and deteriorated perimeter elastomeric sealants. There is substantial water intrusion at the northeast vestibule entrance from the curtainwall, along with compromised standing seam metal roofing, cracked brick, and deteriorating mortar joints.

MECHANICAL

The building's original HVAC system is in fair condition. The original interior air handling unit (AHU) is functional and rated fair. Boilers installed in 2017 are in good condition. Original rooftop exhaust fans are in poor condition due to deterioration from vibration and age. Rooftop units (RTUs) are also in poor condition, currently operational but nearing the end of their expected service life.

ELECTRICAL

The electrical system is in fair condition. The interior lighting system utilizes fluorescent light fixtures that do not provide high quality and energy efficient illumination.

FIRE PROTECTION

The original fully addressable fire alarm panel, fire alarm and fire suppression systems are in fair condition.

PLUMBING

The plumbing system and distribution pumps are in fair condition. The water heater was replaced in 2024 and is rated excellent.

OTHER SYSTEMS

The majority of original casework is in fair condition. Most site elements, including pavers and concrete, are rated fair.

ACCESSIBILITY

Built in 2004, the building meets contemporaneous accessibility standards, including an accessible elevator that connects all floors. However, roll-under clearance was not provided at the sinks in the kitchen and laundry areas, minor reconfigurations that are included on the College's project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below illustrates that the majority of identified renewal costs fall under the Lifecycle/Renewal category, primarily related to major systems such as the boiler and HVAC system. Aged But Functional components account for 30.2% and include elevator finishes and controls, interior finishes, and casework that remain operational but show signs of wear. Performance/Integrity makes up 7.8%, reflecting issues with the curtain wall and exterior walls. The total estimated investment over the next ten years is $8,580,900.

10-Year Total: $8,580,900

🟧	Performance/Integrity	$669,900
🟦	Accessibility	$2,000
⬜	Aged But Functional	$2,595,300
⬜	Lifecycle/Renewal	$5,313,700

Chart percentages: 7.8%, 30.2%, 61.9%
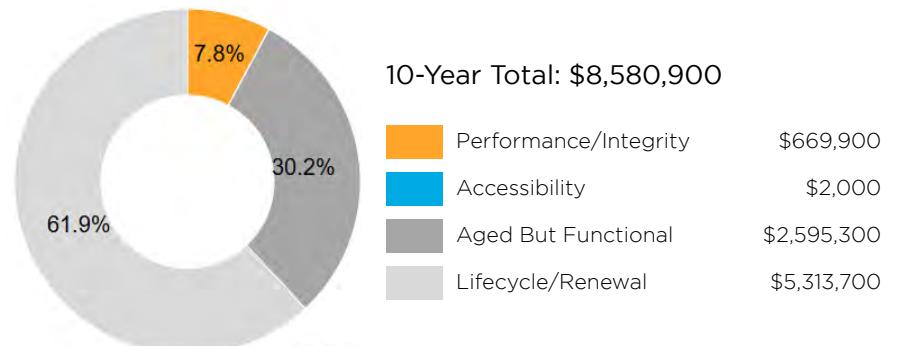
Building Use and Condition

CENTRAL SERVICES BUILDING (CSB)

■ Excellent	■ Fair
■ Good	■ Upcoming Project
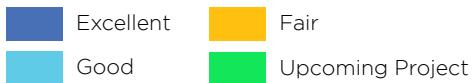
FCI RATING

Based on the FCI rating system, the Central Services Building (CSB) has a rating of excellent, with little to no maintenance needs.

SUITABILITY

The CSB houses offices and shops to support the Facilities Planning and Construction department. Sizes and configurations of spaces are suitable. Occupants report sound transmission in the open office area can be distracting when multiple employees are participating in online meetings.

CONSTRUCTED

2007

CONSTRUCTION TYPE

- Steel frame
- Low slope roof with standing seam metal panels

SPACE DATA

- Net Assignable Square Feet: 27,804
- Gross Square Feet: 35,275
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Repairs and Grounds - heated only; Offices - split DX system with indoor air-handling unit and VAV terminals
- Electric: Fed from BGE transformer. Feeds the Barn and Grounds Storage Buildings

DEPARTMENTS

- Offices of Capital Development
- Document Services
- Facilities Management
- Public Safety

ARCHITECTURAL

Most architectural elements are original to the building's 2007 construction and are in fair condition. Some components of the building envelope are in poor condition, including roof seams that leak throughout the gutter system. Exterior walls show signs of staining and buildup, particularly at the metal siding and CMU surfaces.

MECHANICAL

Rooftop units (RTUs) and condensing units serving the split system were replaced in 2023 and are currently rated in good condition. The original HVAC system, including associated ductwork and controls, remains in fair condition and continues to support building operations.

ELECTRICAL

The original electrical system is rated fair. Both the exterior and interior lighting systems are in fair condition; however, some exterior fixtures are in poor condition, with faded lenses that reduce lumen output and overall lighting effectiveness.

FIRE PROTECTION

The fully addressable fire alarm panel and system, along with the fire suppression system, are original to the building's construction and are in fair condition.

PLUMBING

Installed at the time of construction, the plumbing systems is in fair condition.

OTHER SYSTEMS

The vertical lift, replaced in 2018, is rated fair. Site elements such as earthwork and retaining walls are in poor condition due to insufficient drainage and deteriorating concrete.

ACCESSIBILITY

The building met ADA requirements at the time of its 2007 construction, and thus remains compliant.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart for this building shows that 90.7% of identified renewal costs fall under the Lifecycle/Renewal category, including key systems such as electrical, fire suppression, HVAC, interior lighting, and storefront. A small amount, $1,500, is allocated under Retrofit/Adaptation for emergency plumbing fixtures. The total estimated investment over the next ten years is $935,700.

10-Year Total: $935,700

Performance/Integrity		$38,800
Retrofit/Adaptation		$1,500
Aged But Functional		$46,900
Lifecycle/Renewal		$848,500

90.7%
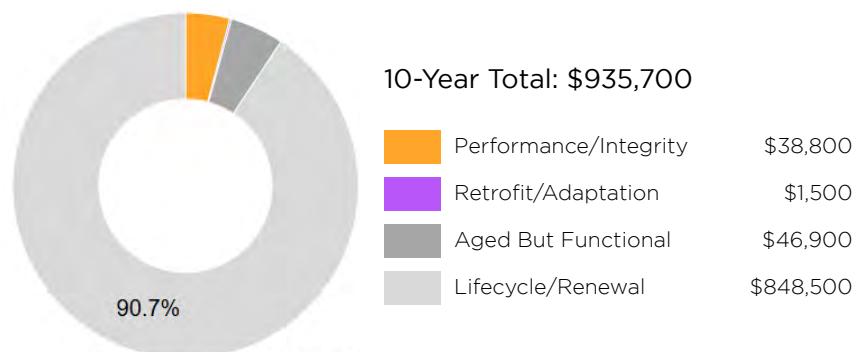
Building Use and Condition - Arnold Campus

CLAUSON CENTER FOR INNOVATION AND SKILLED TRADES (CCIT)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	

CONSTRUCTED

2021

CONSTRUCTION TYPE

3B

SPACE DATA

- Net Assignable Square Feet: 7,923
- Gross Square Feet: 11,290
- Floors above grade: 1
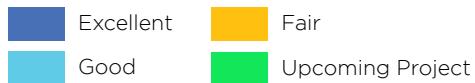
FCI RATING

Opened in 2022, the Clauson Center for Innovation and Skilled Trades (CCIT) was not subject to a full condition assessment due to its recent completion. Based on its age and like-new condition, the building is understood to be in excellent condition with no immediate needs anticipated.

SUITABILITY

The facility was purpose-built to house training for skilled trades like welding, diesel repair, and HVAC maintenance. Its instructional spaces, social spaces, and offices are suitable.

BUILDING CONDITION

No substantial facilities maintenance is expected within the next decade.

Building Use and Condition - Arnold Campus

DRAGUN SCIENCE BUILDING (DRGN)

■ Excellent	■ Fair		
■ Good	■ Upcoming Project		
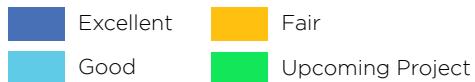
FCI RATING

The Dragun Science Center does not have an FCI rating, as it is currently scheduled for renovation. Given the planned improvements, a condition assessment was not conducted as part of this evaluation.

SUITABILITY

This structure was constructed to house science labs and faculty offices. Lab configurations are outdated and labs are too small to house active learning. The upcoming renovation will address existing deficiencies and modernize the facility to better support STEM programs and evolving academic needs.

CONSTRUCTED

1967

RENOVATED

- 1996 - Renovation and Expansion
- 2007 - Partial Renovation
- 2020s - Upcoming Renovation

CONSTRUCTION TYPE

- Masonry bearing walls with a steel framed roofs
- Flat roofs with built-up membrane

SPACE DATA

- Net Assignable Square Feet: 26,539
- Gross Square Feet: 39,499
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Heated water and chilled water from the central plant
- Electric: Fed from the Physical Plant primary loop

DEPARTMENTS

- Astronomy
- Chemistry
- Physical Science
- Physics

Building Use and Condition - Arnold Campus

FLORESTANO BUILDING (FLRS)

	Excellent		Fair
	Good		Upcoming Project
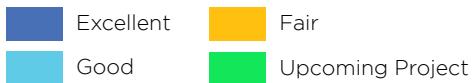
FCI RATING

The Florestano Building (FLRS) does not have an FCI rating, as it is currently scheduled for renovation. As a result, a detailed condition assessment was not conducted. The planned renovation will address existing deficiencies and reconfigure the facility to house student services.

SUITABILITY

This building was constructed to house health sciences labs, classrooms, offices, and a 124 seat lecture hall. Recently, new health sciences labs were constructed in a separate building. A comprehensive, phased renovation of Florestano is underway. Post-renovation, its spaces will be suitable for their intended uses as student service, office, testing, and professional development spaces.

CONSTRUCTED

1993

2020s Phased Comprehensive Renovation

CONSTRUCTION TYPE

- Steel frame with concrete-topped metal decks
- Flat roof with thermoplastic polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 38,309
- Gross Square Feet: 65,098
- Floors above grade: 4

UTILITIES

- Sprinklers: Yes
- HVAC: Packaged rooftop units with DX cooling serving VAV terminals. Heating water boilers supply heating coils in VAV terminals
- Electric: Fed from transformer

DEPARTMENTS

- Student Services
- Faculty Professional Development
- Testing

Building Use and Condition - Arnold Campus

GROUNDS BUILDING (GRND)

■ Excellent ■ Fair
■ Good ■ Upcoming Project
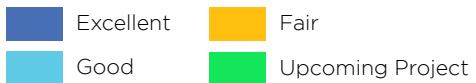
FCI RATING

The Grounds Building was not evaluated as part of the Facility Condition Index assessment. As a utilitarian structure primarily used for storage and maintenance support, it is not prioritized for major investment.

SUITABILITY

This structure is suitable for storing equipment and materials for routine maintenance of the College grounds.

CONSTRUCTED

1988

RENOVATED

2007

CONSTRUCTION TYPE

- Pre-manufactured steel structure on concrete slab
- Gabled roofs with standing seam metal roof

SPACE DATA

- Net Assignable Square Feet: 2,919
- Gross Square Feet: 3,216
- Floors above grade: 1

UTILITIES

- Sprinklers: None
- HVAC: Electric heat and ventilated. Electrical equipment remains from the 1988 construction
- Electric: Fed from transformer Central Services Building

Building Use and Condition - Arnold Campus

DAVID S. JENKINS GYMNASIUM (GYM)

Excellent	Fair
Good	Upcoming Project
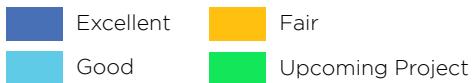
FCI RATING

The FCI rating for the Gym is good, reflecting its overall well-maintained condition with few outstanding maintenance issues. The building continues to support its intended functions effectively, with systems and infrastructure performing reliably.

SUITABILITY

Recent renovations to the Jenkins Gymnasium removed an aging pool facility and added a fitness center. The upper level is well configured for its uses, but the lower level contains locker rooms, instructional spaces, offices, and service areas that require accessibility modifications and should be reconfigured to meet current needs. Ventilation and climate control problems have been reported.

CONSTRUCTED

1967

RENOVATED

1999

2021 Partial Roof Replacement

CONSTRUCTION TYPE

- Concrete masonry bearing walls with a steel framed roof structure
- Flat roofs with built-up membrane

SPACE DATA

- Net Assignable Square Feet: 31,996
- Gross Square Feet: 43,555
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Heated water and chilled water from the central plant
- Electric: Fed from the Physical Plant primary loop

DEPARTMENTS

Health and Physical Education

ARCHITECTURAL

Some architectural elements are original to the building's 1967 construction, including exterior walls and glazing, which are generally in fair condition. However, portions of the exterior walls are in poor condition due to deteriorated brick and mortar. Upgrades completed since the 1999 renovation include refinishing of the gymnasium floor, which is rated in good condition. Interior finishes are mostly in fair condition, though some areas are in poor condition, including worn and faded carpeting and damaged vinyl tile.

MECHANICAL

Most mechanical systems were updated in the 1999 renovation and have a fair rating. Rooftop exhaust fans are in poor condition due to deterioration from vibration and age. Although operational, these fans are approaching the end of their expected service lives.

ELECTRICAL

The original electrical system is in fair condition. The interior lighting system primarily utilizes fluorescent lamps and lighting levels in some areas is inadequate.

FIRE PROTECTION

The fully addressable fire alarm panel and system were replaced in 2019 and are rated good. The fire suppression system, installed in 1998, is in fair condition.

PLUMBING

The original plumbing system is in fair condition.

OTHER SYSTEMS

Sport apparatus is generally in good condition. Some food and laundry equipment is rated fair.

ACCESSIBILITY

Renovated in 1999, the building meets contemporaneous accessibility standards, including fully accessible elevators serving all floors and compliant toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The majority of renewal costs for the David S. Jenkins Gymnasium, 71.5%, fall under the Lifecycle/Renewal category, reflecting the need to replace major building systems consistent with the facility's age and use. Aged But Functional components account for 18.3%, as many systems have been updated over time; however, original elements such as electrical wiring and switches from 1967 remain in use. A small percentage is categorized under Retrofit/Adaptation, including updates to exterior lighting. The total estimated investment over the next ten years is $3,098,200.

10-Year Total: $3,098,200

🟧	Performance/Integrity	$126,800
🟪	Retrofit/Adaptation	$189,100
⬛	Aged But Functional	$567,900
⬜	Lifecycle/Renewal	$2,214,400
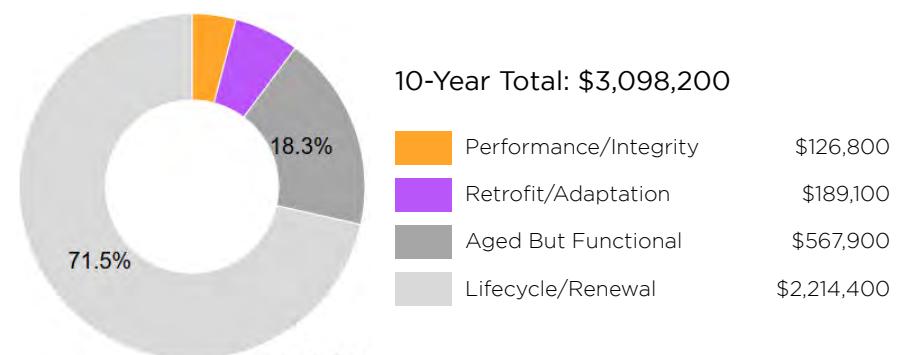
Building Use and Condition - Arnold Campus

HENRY 'HANK' LIBBY BUILDING (HANK)

■ Excellent	■ Fair
■ Good	■ Upcoming Project
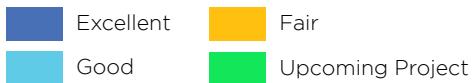
FCI RATING

The Henry 'Hank' Building (HANK) has an FCI rating of fair, indicating moderate levels of deferred maintenance and aging infrastructure that may require targeted improvements in the coming year.

SUITABILITY

This structure was formerly a single-family residence. It has been converted to administrative offices. Its first floor has received accessibility upgrades, yet its second floor is accessed only by stairs. Its spaces are suitable for office use.

CONSTRUCTED

1830

RENOVATED

• 1990
• 2009

CONSTRUCTION TYPE

• Masonry bearing walls and columns with wood framed roof
• Gabled roofs with asphalt shingles

SPACE DATA

• Net Assignable Square Feet: 2,311
• Gross Square Feet: 2,954
• Floors above grade: 3

UTILITIES

• Sprinklers: Yes
• HVAC: Split systems with DX cooling and electric heat
• Electric: Fed from BGE overhead lines. Original fuse panel replaced with a circuit breaker panel in 1991

DEPARTMENTS

• AACC Foundation Inc.

• AACC Institutional Advancement Office

ARCHITECTURAL

Most interior finishes have been updated since the building's original 1830 construction and are currently in fair condition. However, carpeting throughout the offices, corridors, and auditorium is in poor condition, showing signs of wear and fading.

MECHANICAL

The split system condensing unit and heat pump were replaced in 2024 and are currently in excellent condition. The HVAC system, replaced in 2022, is rated good.

ELECTRICAL

The electrical system was replaced in 1989 and is currently in fair condition. The interior lighting system is in poor condition. The building is illuminated with several different fixture types, many of which do not match the historical character of the space and use outdated fluorescent lamps.

FIRE PROTECTION

The fire alarm panel and simple addressable fire alarm system were upgraded in 2020 and are in good condition.

PLUMBING

The plumbing system, installed in 1989, is in fair condition.

OTHER SYSTEMS

Many site elements, including parking lots and pavement, were refurbished in 2023 and 2020 and are currently in good condition. However, isolated areas of the site are in poor condition due to asphalt raveling. Mature landscape plantings have grown to contact the building, which can damage building envelope elements and conceal problems from vision.

ACCESSIBILITY

Renovated in 2009, the building meets ADA standards that were in effect at the time. An accessible ramp is provided at the building entrance, and interior spaces include compliant toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below illustrates that 90.7% of the identified renewal costs are categorized under Lifecycle/Renewal, covering major systems such as HVAC, plumbing, electrical, interior finishes, and the building envelope. A smaller portion is attributed to Retrofit/Adaptation, primarily for performance improvements such as upgrades to the interior lighting system. The total estimated investment over the next ten years is $207,400.
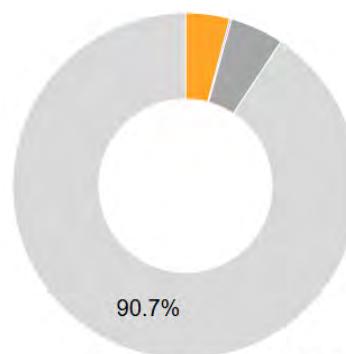
10-Year Total: $207,400

🟧	Performance/Integrity	$20,400
⬛	Aged But Functional	$56,000
⬜	Lifecycle/Renewal	$131,000

90.7%

Building Use and Condition - Arnold Campus

HEALTH AND LIFE SCIENCES BUILDING (HLSB)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	
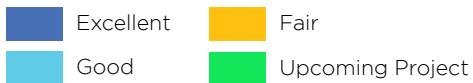
FCI RATING

Constructed in 2021, the Health and Life Sciences Building was not subject to a full condition assessment due to its recent completion. Based on its age and like-new condition, the building is understood to be in excellent condition.

SUITABILITY

All spaces in this newly constructed building are suitable and well configured for their instructional, office, social, and food service uses.

BUILDING CONDITION

No substantial facilities maintenance is expected within the next decade.

CONSTRUCTED

2021

CONSTRUCTION TYPE

Structural steel and concrete slab

SPACE DATA

- Net Assignable Square Feet: 108,947
- Gross Square Feet: 175,210
- Floors above grade: 3

DEPARTMENTS

- Health Sciences
- Biological Sciences

Health and Life Sciences Building

Health Sciences Lab

Health Sciences Lab

Lobby

Lecture Hall

Building Use and Condition - Arnold Campus

HUMANITIES (HUM)

Excellent		Fair	
Good		Upcoming Project	
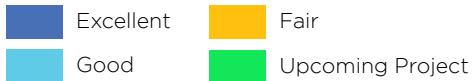
FCI RATING

The Humanities building has an FCI rating of good, indicating that it is generally in stable condition with only minor deficiencies. The facility adequately supports current academic needs, with no major system issues or structural concerns.

SUITABILITY

Classrooms in this building are generally suitable in size and configuration, yet some are small and windowless which makes them less desirable for instruction. Offices are sized appropriately, but they are configured as suites which can limit flexibility. When new Hospitality labs are constructed at the Clausen Center, two labs in the Humanities Building will be available for other uses but will require reconfiguration.

CONSTRUCTED

1967

RENOVATED

- 1993 - Partial Renovation
- 2007 - Accessibility Improvements

CONSTRUCTION TYPE

- Steel column frame with masonry veneer
- Slab on grade and slab on bar joist floors
- CMU and stud interior partitions
- Steel framed roof with tectum deck

SPACE DATA

- Net Assignable Square Feet: 25,119
- Gross Square Feet: 37,978
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Heated water and chilled water from the central plant
- Electric: Fed from the Physical Plant primary loop. Electrical equipment, with the exception of the coil in the main transformer, is original to the building's construction. Primary switchgear in the Humanities Building feeds the Truxal Library and Johnson.

DEPARTMENTS

- Dean's Office - Liberal Arts
- Communications, English

ARCHITECTURAL

Many interior finishes are in good to fair condition, having been updated in 2023 and 2018. The roof is in poor condition and requires patching at all drain locations. Overall, the building envelope is in fair condition.

MECHANICAL

Two exhaust fans were replaced in 2023 and are currently in excellent condition. The HVAC system, replaced in 1993, and the boiler, replaced in 2015, are both in fair condition. Make-up air units located on the north upper roof are in poor condition due to severe rust and corrosion. These units are included in the College's project list for future replacement.

ELECTRICAL

The electrical and interior lighting systems were updated in the 1993 renovation.

FIRE PROTECTION

The fully addressable fire alarm panel and fire alarm system, replaced in 2014, are in fair condition. Portions of the fire suppression system were replaced in 2018 and 2021 and are in good condition. The remainder of the system, installed in 1990, is in fair condition.

PLUMBING

The plumbing system, installed in the 1993 renovation, is in fair condition. Although operational, it is approaching the end of its useful life.

OTHER SYSTEMS

Food service equipment has been replaced over the years and is currently in good condition. Some areas of sidewalk are in poor condition due to uneven concrete, creating potential tripping hazards. Toilet rooms located on the east and west sides of the second floor are in poor condition, with dated fixtures and visibly worn finishes.

ACCESSIBILITY

In 2007, accessibility improvements were made to meet contemporaneous ADA standards, including the addition of accessible toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The majority of renewal costs for the Humanities building, totaling $4,918,400 over ten years, are categorized under Lifecycle/Renewal and Aged But Functional. While many systems and architectural elements, such as HVAC, interior air handlers, and elevator controls, were updated during the 1993 renovation, several now require renewal, including intrusion detection, plumbing, roofing, flooring, and HVAC components. A smaller share of costs is associated with Safety and Accessibility upgrades, such as sidewalk repairs and improvements to toilet rooms, the kitchen, and the laundry room.
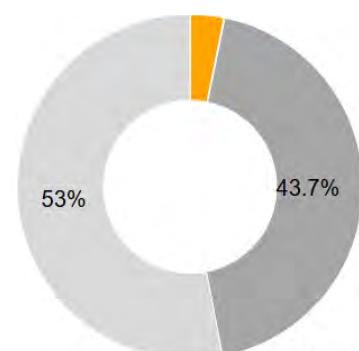
10-Year Total: $4,918,400

Safety	$2,100
Performance/Integrity	$153,100
Accessibility	$4,300
Aged But Functional	$2,151,700
Lifecycle/Renewal	$2,607,200

53% 43.7%

Building Use and Condition - Arnold Campus

A. CATHRYN JOHNSON BUILDING (JOHN)

■	Excellent	■	Fair
■	Good	■	Upcoming Project

FCI RATING

Based on the FCI rating system, the Johnson Building has a rating of good, indicating it is in stable condition with only minor maintenance needs. The facility continues to support its functions effectively, with building systems operating reliably.

SUITABILITY

Johnson was originally constructed as a classroom building. Over time, many of its classrooms have been repurposed to serve as offices. Its remaining classrooms are too small to accommodate larger furnishings and active learning pedagogy. Compared to AACC's other instructional spaces, Johnson is poorly configured and stands out as an unsuitable facility.

CONSTRUCTED

1982

RENOVATED

2006

CONSTRUCTION TYPE

• Masonry bearing walls and wood frame roofs
• Gabled roofs with asphalt shingles; Flat roofs with built-up membrane

SPACE DATA

• Net Assignable Square Feet: 8,505
• Gross Square Feet: 11,314
• Floors above grade: 2

UTILITIES

• Sprinklers: Partial
• HVAC: Packaged rooftop unit with DX cooling. Heating is electric heat
• Electric: Fed from Humanities Building. Electrical equipment remains from the original 1982 construction

DEPARTMENTS

• General Classrooms
• Computer Labs

ARCHITECTURAL

Most architectural elements have been updated since the building's original 1982 construction. Interior finishes are in good to fair condition, and the roof is rated fair. However, the building envelope is in poor condition, with deteriorated exterior finishes and windows that allow air infiltration into the building, affecting thermal performance and occupant comfort.

MECHANICAL

The majority of systems are in good to fair condition. The original HVAC system is operational, but nearing the end of its useful life.

ELECTRICAL

The original electrical system is rated fair, but nearing the end of its useful life. The interior lighting system, also rate fair, was partially updated in 2014; however, a variety of fixtures remain throughout the building, including fluorescent lighting that does not provide high-quality or energy-efficient illumination.

FIRE PROTECTION

The multiplex fire alarm panel, updated in 2021, is in good condition. The fire alarm and suppression systems are rated fair. A centralized fire suppression system is not present in the building.

PLUMBING

The plumbing system was installed at the time of construction and is rated fair. The water heater, replaced in 2021, is in good condition.

OTHER SYSTEMS

The security and surveillance system was replaced in 2019 and is in good condition. A cabinet-mounted defibrillator, installed in 2022, is in good condition.

ACCESSIBILITY

In 2006, accessibility improvements were made to meet ADA standards in effect at the time. The College's current project list includes installing pole-mounted ADA signage at two parking spaces.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that the majority of renewal costs fall under the Lifecycle/Renewal and Aged But Functional categories. Key items include interior finishes and the fire alarm system, as well as original plumbing, HVAC, and electrical systems from the building's construction in 1982. A small portion is allocated to Accessibility improvements, such as ADA parking upgrades. Additional investments are noted under Performance for building envelope and exterior lighting improvements, and under Retrofit for fire suppression system upgrades. The total estimated cost over ten years is $1,026,200.

10-Year Total: $1,026,200

	Performance/Integrity	$170,600
	Accessibility	$1,000
	Retrofit/Adaptation	$139,600
	Aged But Functional	$374,400
	Lifecycle/Renewal	$340,600
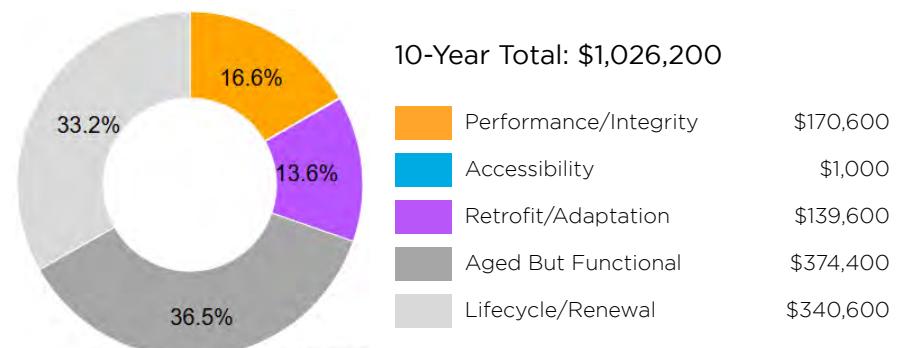
Building Use and Condition - Arnold Campus

ANDREW G. TRUXAL LIBRARY (LBRY)

	Excellent		Fair
	Good		Upcoming Project

FCI RATING

The FCI rating for the Library is excellent, indicating that the building is in outstanding condition with minimal or no deferred maintenance. Its systems and infrastructure are performing efficiently, and the facility continues to meet academic and student needs without significant issues.

SUITABILITY

The Truxal Library was renovated and expanded in the 2010s. All its rooms are suitable for their current uses.

CONSTRUCTED

1967

RENOVATED

2012

CONSTRUCTION TYPE

- Masonry bearing walls
- Metal framed roofs. Steel frame with concrete topped metal decks; Flat roof with Thermoplastic Polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 51,932
- Gross Square Feet: 67,384
- Floors above grade: 3

UTILITIES

- Sprinklers: Yes
- HVAC: Heated water and chilled water from the central plant
- Electric: Fed from BGE transformer

DEPARTMENTS

- Research Library
- Student Success Center
- Reading Lab
- Technology Learning Center (TLC)
- Veterans' Center

ARCHITECTURAL

The majority of architectural components were updated during the 2012 renovation and are currently in good to fair condition. However, the building envelope is in poor condition. The existing thermoplastic polyolefin (TPO) roof exhibits water pooling and debris accumulation due to inadequate drainage, and the brick mortar on the penthouse is deteriorating. In addition, a structural engineering study identified damage at several locations on the concrete ceiling in the first floor mechanical room as a safety concern.

MECHANICAL

Most mechanical systems, including HVAC, air handlers, and exhaust fans were updated in the 2012 renovation and are rated good to fair.

ELECTRICAL

The electrical and interior lighting systems, updated in 2012, are fair condition. In 2023, a portion of the building was converted to LED fixtures.

FIRE PROTECTION

The fully addressable fire alarm panel, along with the fire alarm and suppression system, was updated during the renovation. The fire alarm system is currently in fair condition, while the fire suppression system is rated good.

PLUMBING

There are four electric domestic water heaters in the building that were installed in 2012. Although still functional, these units are nearing the end of their service life. The plumbing system, installed in the renovation, is rated good.

OTHER SYSTEMS

The security and surveillance system installed in the renovation is rated fair.

ACCESSIBILITY

In 2012, accessibility improvements were made to meet contemporaneous ADA requirements. The College's current project list includes installing pole-mounted ADA signage at four parking spaces.

FACILITIES CONDITION AND ASSET MANAGEMENT

Most systems and architectural elements in the Library were updated during the 2012 renovation. The chart below illustrates that 96.7% of renewal costs fall under the Lifecycle/Renewal category, primarily for systems such as plumbing, electrical, and HVAC. A small percentage is allocated to Safety due to structural issues identified in the mechanical room. The total estimated investment over the next ten years is $3,345,100.
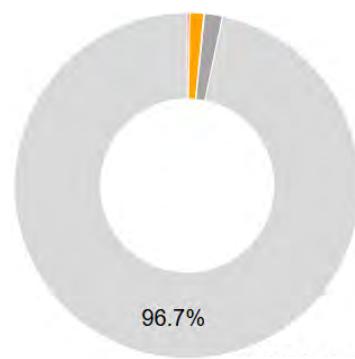
10-Year Total: $3,345,100

96.7%

	Safety	$7,400
	Performance/Integrity	$44,300
	Accessibility	$2,000
	Aged But Functional	$56,200
	Lifecycle/Renewal	$3,235,200

Building Use and Condition - Arnold Campus

LUDLUM HALL ADMINISTRATION BUILDING (LUDL)

■ (blue)	Excellent	■ (orange)	Fair
■ (light blue)	Good	■ (green)	Upcoming Project

FCI RATING

Based on the FCI rating system, Ludlum Hall has an FCI of excellent, reflecting its strong physical condition and minimal deferred maintenance needs.

SUITABILITY

Ludlum Administration Building houses AACC's main administrative offices. Its spaces are suitable for this use.

CONSTRUCTED

1976

RENOVATED

2014

CONSTRUCTION TYPE

- Masonry bearing walls and metal framed roofs
- Steel frame with concrete topped metal decks
- Flat roof with Thermoplastic Polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 11,746
- Gross Square Feet: 18,757
- Floors above grade: 2

UTILITIES

- HVAC: Chilled water and heating water from central plant
- Electric: Fed from BGE transformer

DEPARTMENTS

- Senior Leadership
- Human Relations
- Public Relations and Marketing

ARCHITECTURAL

During the 2014 renovation, the majority of architectural elements were updated and are rated good. An exception is the exterior walls that are in fair to poor condition. The exterior elastomeric joints are deteriorating and separating from the substrate. Masonry mortar, primarily at grade, is beginning to crack.

MECHANICAL

Systems were updated during the renovation and are in good to fair condition.

ELECTRICAL

Portions of the electrical system, such as switchgear, are original to the building's 1976 renovation and rated fair. The system, including interior lighting, was updated at the time of renovation and is in good condition.

FIRE PROTECTION

The fully addressable fire alarm panel and system were upgraded in the renovation and are rated good. The fire suppression system was also updated and is fair condition.

PLUMBING

The electric domestic water heater, installed in 2010, is rated poor. It continues to be operational, but is nearing the end of its useful life. The plumbing system is good condition.

OTHER SYSTEMS

The security and surveillance system, installed during the renovation, is in fair condition. Site elements, such as sidewalks and retaining walls, are in good to fair condition.

ACCESSIBILITY

During the 2014 renovation, accessibility improvements were made to meet contemporaneous ADA standards, including compliant toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below shows that 77.9% of renewal costs are classified under Lifecycle/Renewal, with an additional 20.3% under Aged But Functional. The latter includes original components from the building's 1974 construction, such as exterior walls and electrical switchgear. The remaining systems and architectural elements were upgraded during a 2014 renovation and most fall under Lifecycle/Renewal, including interior finishes, plumbing, fire suppression, HVAC, and electrical systems. The total estimated investment over ten years is $1,497,300.

10-Year Total: $1,497,300

■	Performance/Integrity	$26,700
■	Aged But Functional	$303,600
■	Lifecycle/Renewal	$1,167,000
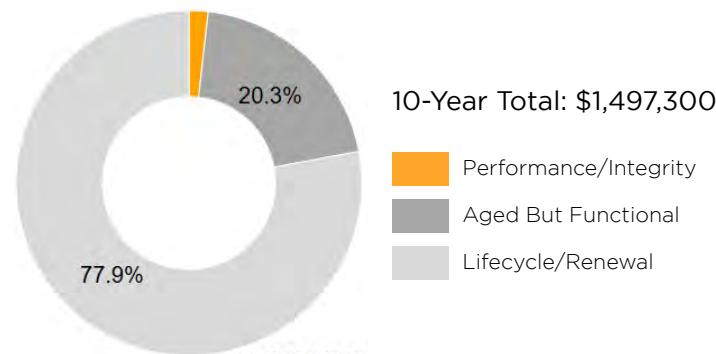
Building Use and Condition - Arnold Campus

MATH BUILDING (MATH)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	
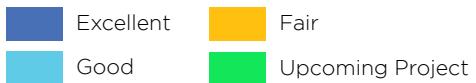
FCI RATING

Based on the FCI rating system, the Math Building has a rating of good, reflecting its overall sound condition with some minor maintenance needs. The facility does not adequately support the Math department's needs.

SUITABILITY

This building was constructed as a classroom building and also housed a child development center with three classrooms for small children. The child development center space is not in use and is not suitable for other uses. Classrooms on the second floor were converted to offices, yet the open environment lacks privacy and is not suitable.

CONSTRUCTED

1986

RENOVATED

2006

CONSTRUCTION TYPE

- Masonry bearing walls and metal framed roofs
- Steel frame with concrete topped metal decks
- Flat roof with Thermoplastic Polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 7,982
- Gross Square Feet: 13,117
- Floors above grade: 2

UTILITIES

- Sprinklers: Partial
- HVAC: Chilled water and heating water from central plant with a rooftop chiller for use when central plant cooling is shut down
- Electric: Fed from Humanities Building. Electrical equipment remains from the original 1986 construction

DEPARTMENTS

- Math Department
- Classrooms
- Administration

ARCHITECTURAL

Painted wall finishes and areas of flooring are rated good following 2024 updates. Portions of the building envelope are in poor condition, with areas of compromised roofing membrane, active leaks, and deteriorating elastomeric joints that are separating from the substrate.

MECHANICAL

The split system ductless unit and elevator cab finishes are in good condition following updates in 2023 and 2024. However, the elevator controls and passenger elevator, original to the building's 1986 construction, are rated poor. The primary transformer is also in poor condition. The original rooftop exhaust fan remains functional, but is in poor condition and nearing the end of its useful life.

ELECTRICAL

The original electrical and interior lighting systems are in fair condition. The building has several different types of fixtures, primarily utilizing fluorescent lamps that diminish lighting quality.

FIRE PROTECTION

The fully addressable fire alarm panel, along with the fire alarm and suppression systems updated in 2014, are rated as fair. Notably, the sprinkler system does not provide full coverage throughout the building and appears to lack adequate backflow protection and valving.

PLUMBING

The original plumbing system and electric water heater are in fair condition. Although operational, the water heater is nearing the end of its useful life.

OTHER SYSTEMS

The security and surveillance system is in fair condition. Exterior lighting is good condition, while site elements like sidewalks are generally rated fair.

ACCESSIBILITY

During the 2006 renovation, accessibility improvements were made to meet ADA requirements in effect at the time, including compliant toilet rooms and an accessible elevator that connects all floors.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that 17.1% of renewal costs are categorized as Aged But Functional, including original systems from the building's 1986 construction, such as the electrical system. The majority of costs fall under Lifecycle/Renewal, including interior finishes, building envelope, and systems like HVAC and plumbing. Additional investments are identified under Performance/Integrity for the roof and interior lighting system. The total estimated investment over ten years is $1,495,300.

10-Year Total: $1,495,300

🟧	Performance/Integrity	$216,200
🟪	Retrofit/Adaptation	$325,700
⬛	Aged But Functional	$160,300
⬜	Lifecycle/Renewal	$793,100
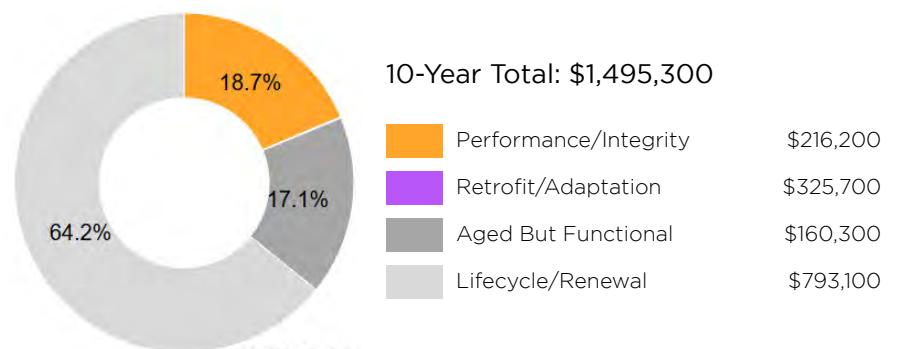
Building Use and Condition - Arnold Campus

PASCAL CENTER FOR PERFORMING ARTS (PCPA)

	Excellent		Fair
	Good		Upcoming Project
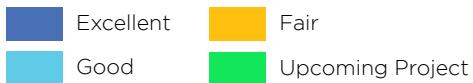
FCI RATING

The Pascal Center for Performing Arts (PCPA) has an FCI rating of fair, indicating that the building has a number of deferred maintenance needs and areas requiring improvement. While it remains functional, several building systems and components are aging or in decline. Targeted repairs and system upgrades will be necessary to enhance performance and ensure continued support for performing arts programming.

SUITABILITY

Performing arts spaces in the Pascal Center are suitable, yet they lack storage space. Materials and instruments are moved across campus for performances, risking damage and diverting time from employees' duties.

CONSTRUCTED

1983

RENOVATED

2006 - Systemic Improvements

CONSTRUCTION TYPE

- Concrete masonry unit (CMU) bearing walls and
- Steel framed roof
- Flat roofs with built-up membrane

SPACE DATA

- Net Assignable Square Feet: 10,361
- Gross Square Feet: 14,138
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Chilled water and heating water from central plant
- Electric: Fed from BGE transformer. Most electrical equipment remains from the original 1983 construction

DEPARTMENTS

- Theatre
- Art Gallery

ARCHITECTURAL

Select wall finishes and flooring were updated in 2023 and are currently in good condition. However, some flooring is in poor condition, particularly carpeting in common areas, hallways, and the auditorium, which shows significant wear. Exterior walls are also in poor condition, with visible staining, biological growth, and cracking in both brick and mortar.

MECHANICAL

Systematic renovations were performed in 2006. The air-cooled chiller, installed in 2007, is in fair condition. The original HVAC system is also rated fair and continues to support building operations.

ELECTRICAL

The electrical system, installed during the building's construction in 1983, is in fair condition. The interior lighting system varies throughout hallways, common areas, and service spaces, and is primarily composed of fluorescent fixtures that do not provide high-quality or energy-efficient illumination.

FIRE PROTECTION

The fully addressable fire alarm panel and system, installed in 2023, are in good condition. The fire suppression system, installed in 2002, is rated fair. Sprinkler heads are nearing the end of their expected service life.

PLUMBING

The original plumbing system is in fair condition.

OTHER SYSTEMS

The security and surveillance system is in fair condition. The parking lot is in poor condition, with notable cracking at the concrete loading dock area.

ACCESSIBILITY

In 2006, accessibility improvements were made to meet contemporaneous ADA standards, including fully accessible toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

Building systems and architectural elements categorized as Aged But Functional are original to the building's 1983 construction and include HVAC, plumbing, and electrical systems. The building envelope contains components spanning Aged But Functional, Lifecycle/Renewal, and Performance/Integrity categories. Lifecycle/Renewal costs also include interior finishes and the chiller. Retrofit/Adaption investments include upgrades to both exterior and interior lighting. As the chart below illustrates, the total estimated cost over ten years is $1,644,100.

10-Year Total: $1,644,100

🟥	Safety	$2,400
🟧	Performance/Integrity	$74,900
🟪	Retrofit/Adaptation	$173,600
⬜	Aged But Functional	$850,000
⬜	Lifecycle/Renewal	$543,200
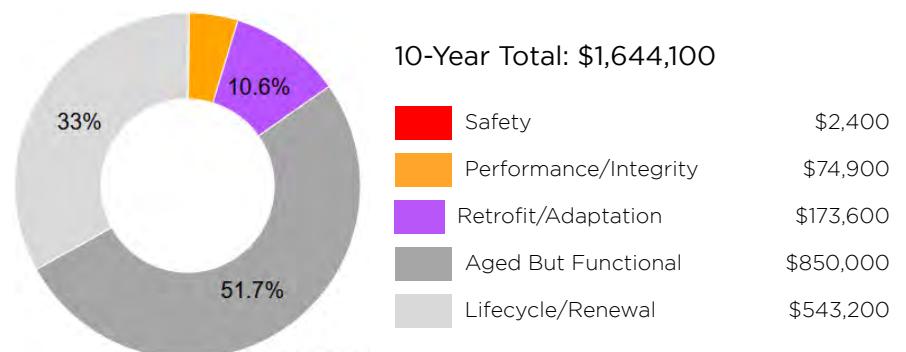
Building Use and Condition - Arnold Campus

PHYSICAL PLANT/SCULPTURE STUDIOS (PLNT)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	
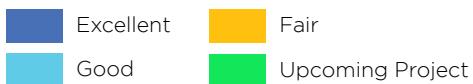
FCI RATING

Based on the FCI rating system, the Physical Plant has an FCI rating of excellent, reflecting its exceptional condition and the effective upkeep of its systems and infrastructure. The facility shows no significant maintenance concerns and continues to operate efficiently in support of campus operations.

SUITABILITY

This building is suitable for its use as the Main Campus physical plant. Half of the building houses heating equipment that serves the Main Campus. The other half houses art studios. While the spaces are suitable, the building is not the best location for art instruction. All other art instruction takes place on the west side of campus.

CONSTRUCTED

1967

RENOVATED

- 1983 - Partial Renovation
- 2008 - Partial Conversion to Sculpture and Ceramics Labs

CONSTRUCTION TYPE

- Masonry bearing walls and steel framed roofs
- Steel frame with concrete topped metal decks
- Flat roof with Thermoplastic Polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 5,157
- Gross Square Feet: 13,408
- Floors above grade: 2

UTILITIES

- Sprinkler: Yes
- HVAC: Heated and ventilated utilizing distribution systems
- Electric: Fed from primary system. Includes BGE primary meter and feeders to the primary campus loop

DEPARTMENTS

Sculpture and Ceramics Studios

Campus Physical Plant

ARCHITECTURAL

The single-ply TPO membrane roof was replaced in 2024 and is in excellent condition. Most interior finishes were updated in 2011 and are currently in good condition. However, elements of the building envelope are in poor condition, including south-facing windows that are significantly rusted and not energy efficient. Exterior walls are also in poor condition due to deteriorated mortar joints, cracked brick, and biological growth near the cooling tower drain.

MECHANICAL

Several mechanical systems have been replaced or updated over time. Systems upgraded in 2011 are in fair condition, while an air handling unit installed in 2021 is in good condition. The water-cooled chiller, installed in 2016, and the boiler, installed in 2010, are both rated fair. The cooling tower, dating to 2005, is also in fair condition. An additional chiller installed in 2011 is in poor condition.

ELECTRICAL

The electrical system was replaced in 2011 and is in fair condition. Interior lighting systems were also updated in 2011; however, lighting in the plant sculpture area consists of fluorescent fixtures, which provide insufficient illumination and are not energy efficient.

FIRE PROTECTION

The fully addressable fire alarm panel and system are rated fair. The fire suppression system, most likely installed at the building's 1967 construction, but not verified, is in poor condition.

PLUMBING

The plumbing system, updated in 2011, is rated fair. One water heater, replaced in 2021, is in good condition, while the other, installed in 2011, is in fair condition.

OTHER SYSTEMS

Site elements such as sidewalks and parking lots are in fair condition with minor areas showing signs of wear.

ACCESSIBILITY

The building was partially updated to comply with ADA standards in effect at the time. including accessible toilet rooms . Two designated parking spaces lack the required wall-mounted accessibility signage, a non-compliant condition that has been identified and included in the College's upcoming project list..

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below illustrates that the majority of renewal cost investment falls under the Aged But Functional category, followed by Lifecycle/Renewal and Performance/Integrity. Smaller allocations are identified under Safety for vegetation growth on exterior walls, Environmental for an engineering study related to asbestos and lead-based paint, and Accessibility for ADA parking signage. Most building systems and architectural elements were updated in 2011. The total estimated investment over ten years is $5,311,600.

10-Year Total: $5,311,600

Safety	$900
Performance/Integrity	$308,000
Accessibility	$400
Environmental	$5,000
Aged But Functional	$3,058,000
Lifecycle/Renewal	$1,939,300

36.5%

57.6%
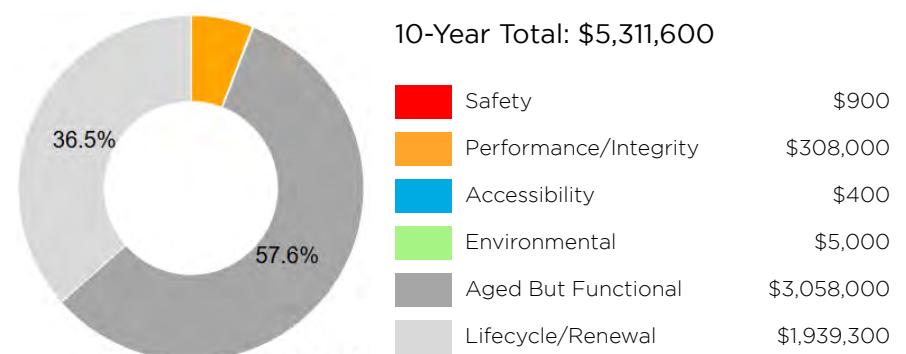
Building Use and Condition - Arnold Campus

RESOURCE MANAGEMENT BUILDING (RESM)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	
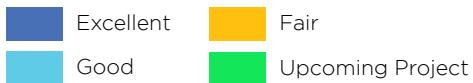
FCI RATING

Based on the FCI rating system, the Resource Management Building (RESM) has an FCI rating of excellent, indicating that it is in exceptional condition with minimal maintenance needs. Building systems are functioning efficiently, and there are no significant issues affecting operations.

SUITABILITY

This modular building holds administrative offices. Most workstations are configured in an open office environment surrounded by enclosed shared and private offices. RESM is suitable to serve as swing space to enable renovations but, due to its location, should be phased-out of use as permanent offices for full-time staff.

CONSTRUCTED

2003

CONSTRUCTION TYPE

- Modular building on concrete slab
- Flat roofs with ethylene propylene diene monomer (EPDM) membrane

SPACE DATA

- Net Assignable Square Feet: 4,277
- Gross Square Feet: 7,167
- Floors above grade: 1

UTILITIES

- Sprinkler: None
- HVAC: Packaged rooftop units with DX cooling
- Electric: Fed from the Physical Plant primary loop, feeds the Astronomy Building. Electrical equipment is from the 2003 construction

DEPARTMENTS

- Business Offices
- Purchasing
- Finance Department
- Sponsored Program
- Classrooms

ARCHITECTURAL

Wall finishes and carpeting were replaced in 2022 and are currently in good condition. The roof is in poor condition, with insulation separating from the substrate at the seams and inadequate drainage. Elastomeric expansion joints on the building exterior are deteriorated and pulling away from the substrate, contributing to overall envelope degradation.

MECHANICAL

A packaged terminal air conditioner was installed in 2024 and is in excellent condition. Rooftop units installed in 2018 are rated good. Other mechanical systems original to the building's 2003 construction remain in fair condition.

ELECTRICAL

The original electrical and interior lighting systems are rated fair.

FIRE PROTECTION

The multiplex fire alarm panel was replaced in 2022 and is in good condition. The original fire alarm system remains in fair condition and continues to operate as intended.

PLUMBING

The original plumbing system and water heater are in fair condition. The electric domestic water heater remains functional, but is nearing the end of its expected service life.

OTHER SYSTEMS

The intrusion detection system, upgraded in 2019, is rated in good condition. Site elements such as sidewalks and parking lots are generally in fair condition, with the exception of one parking lot, which is in poor condition due to cracked asphalt.

ACCESSIBILITY

The building was constructed in compliance with ADA standards in effect at the time and remains accessible today.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below illustrates that 82.5% of renewal costs are categorized under Lifecycle/Renewal, addressing systems such as intrusion detection, electrical, plumbing, HVAC, and the building envelope. Retrofit/Adaptation investments include an engineering study for mechanical systems and HVAC controls/rebalancing. A small portion is allocated to Accessibility improvements in parking, kitchen, and laundry areas. The total estimated investment over ten years is $539,200.

10-Year Total: $539,200

🟧	Performance/Integrity	$22,100
🟦	Accessibility	$4,500
🟪	Retro-Fit/Adaptation	$5,000
⬜	Aged But Functional	$62,900
⬜	Lifecycle/Renewal	$444,700
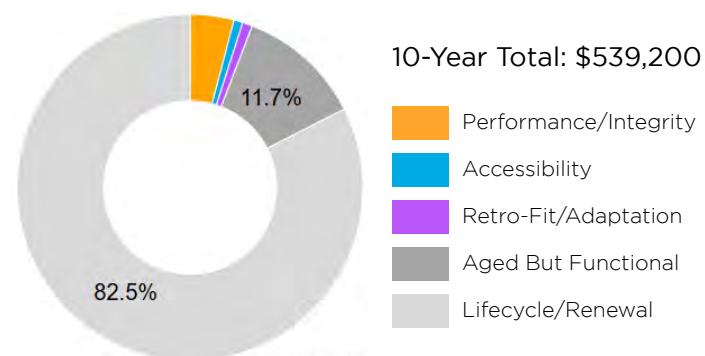
Building Use and Condition - Arnold Campus

SCHWARTZ STUDENT UNION (SUN)

■ Excellent	■ Fair
■ Good	■ Upcoming Project

FCI RATING

The Schwartz Student Union has an FCI rating good, indicating that the building is in generally stable condition with only minor maintenance needs. It continues to support student activities and services effectively, with no major issues impacting functionality.

SUITABILITY

The Student Union houses the bookstore and the dining service for Main Campus. Other functions include the student health clinic, administrative offices, social space, and testing rooms.

- The bookstore is too large and is bisected by the main circulation path between the building entrance and the dining hall.
- The student health clinic is too small and lacks privacy.

CONSTRUCTED

1975

RENOVATED

2003

CONSTRUCTION TYPE

- Slab on grade steel column frame with masonry veneer
- Built-up roof with gravel ballast

SPACE DATA

- Net Assignable Square Feet: 34,011
- Gross Square Feet: 43,355
- Floors above grade: 2

UTILITIES

- Sprinkler: Yes
- HVAC: Heated and chilled water from central cooling plant
- Electric: Fed from BGE transformer installed in 2002. Some electrical equipment remains from 1975 construction

DEPARTMENTS

- Bookstore
- Union Deli, Market Dining Hall
- Health Services
- Student Life Student Association offices
- Testing Center

- The dining area is suitably sized but its location in the rear of the building makes it difficult to find.
- Office suites and testing areas on the second floor will be vacant when the Florestano renovation is complete. These offices and testing areas will not be needed in the future. To meet other space needs, reconfiguration will be required.

ARCHITECTURAL

The roof membrane was replaced in 2019 and is in good condition. Interior finishes were updated in 2023 and are also rated good. However, the building envelope has several issues, including deteriorated sealant at brick masonry walls, cracked plastic clerestory panels with visible gaps, and aging storefront components. Several windows are in poor condition and no longer lock properly.

MECHANICAL

Mechanical systems were updated or replaced during the 2003 renovation, including HVAC equipment, exhaust fans, and interior air handlers. These systems remain operational and are generally in fair condition, reflecting their age and expected service life.

ELECTRICAL

The electrical system, including the distribution panel, was replaced during the building's renovation and is currently in fair condition. The interior lighting system was also updated and is rated fair; however, it includes a variety of fixture types, many of which likely utilize fluorescent lamps that do not provide high-quality illumination or energy efficiency.

Schwartz Student Union

Roof

Exterior Wall

FIRE PROTECTION

Fully addressable fire alarm panels were replaced during the renovation and again in 2018, and are currently in fair condition. The fire alarm system and portions of the fire suppression system were also upgraded during the renovation and are rated fair. However, some components of the suppression system remain original to the building's 1975 construction.

PLUMBING

The plumbing system was replaced in 1990 and is currently in fair condition. One water heater was upgraded to a high-efficiency gas condensing unit in 2021 and is in good condition.

OTHER SYSTEMS

The intrusion detection system was upgraded, and the security and surveillance system was replaced in 2020; both are in good condition. The majority of food service equipment, replaced during the renovation, is in fair condition. However, the walk-in refrigerator has failed due to a malfunctioning condenser and evaporator and is included on the College's project list for replacement.

ACCESSIBILITY

Renovated in 2003, the building meets contemporaneous accessibility requirements, including fully accessible elevators that connect all floors and toilet rooms.

FACILITIES CONDITION AND ASSET MANAGEMENT

The building chart below indicates that 61.9% of renewal costs fall under the Lifecycle/Renewal category, including the roof, intrusion detection and plumbing systems. Food service equipment is categorized under both Lifecycle and Aged But Functional. Additional systems included in this category are the fire alarm and fire suppression systems. Most building systems and architectural elements were last updated in 2003. The total estimated investment over ten years is $3,724,100.

10-Year Total: $3,724,100

🟧	Performance/Integrity	$123,600
🟪	Retro-Fit/Adaptation	$5,800
⬛	Aged But Functional	$1,290,900
⬜	Lifecycle/Renewal	$2,303,800

34.7%

61.9%
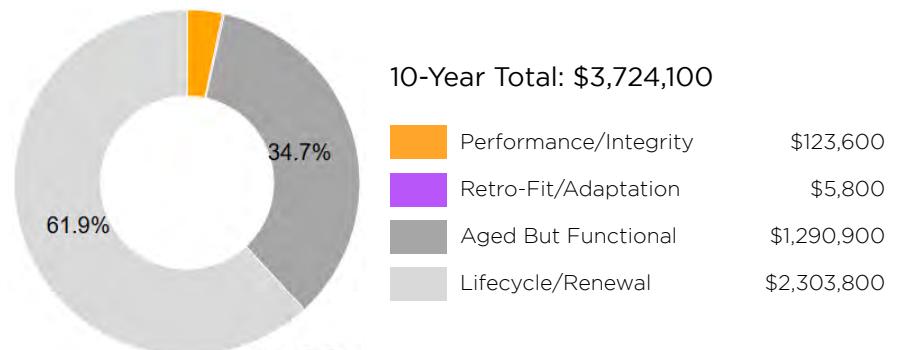
North Elevation

Interior Lighting System

Interior Finishes

ADA Parking

Windows

Storefront

Flooring

Building Use and Condition - Arnold Campus

STUDENT SERVICES CENTER (SSVC)

■	Excellent	■	Fair
■	Good	■	Upcoming Project
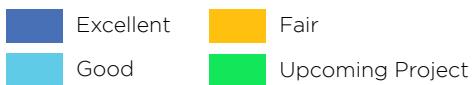
FCI RATING

The Student Services Building (SSVC) does not have an FCI rating, as it is scheduled for renovation. As such, a full condition assessment was not conducted. The planned renovation will address existing building needs and modernize the facility to better support student support services and enhance the overall student experience.

SUITABILITY

The SSVC will be vacant when Florestano Building renovations are complete. This building is currently configured for offices. Its offices will not be needed in the future. To meet other space needs, reconfiguration will be required.

CONSTRUCTED

2002

CONSTRUCTION TYPE

- Steel frame with concrete-topped metal decks
- Flat roof with built-up membrane

SPACE DATA

- Net Assignable Square Feet: 13,101
- Gross Square Feet: 25,269
- Floors above grade: 2

UTILITIES

- Sprinkler: Yes
- HVAC: Rooftop units with DX cooling
- Electric: Fed from BGE transformer. Electrical equipment was installed in 2002

ARCHITECTURAL

The majority of interior elements and components of the building envelope are original to the 2002 construction and are in fair condition. Flooring in select areas and the suspended acoustical tile ceiling system throughout the building were replaced in 2023 and are in good condition. However, portions of the roof and exterior walls are in poor condition. Observed issues include biological growth and debris on the roof, degraded and separating elastomeric expansion joints, biological growth on masonry, and deteriorated sealants around windows, doors, and flashing at the standing seam roof. An architectural study of the façade also revealed evidence of water infiltration through the concrete masonry units at the northeast stairwell. Additionally, active leaks are present at the roof membrane.

MECHANICAL

The HVAC system is original and is in fair condition. Split system ductless single-zone units were replaced in 2023 and are rated in good condition. However, the rooftop unit (RTU) and variable air volume (VAV) units are in poor condition. The RTU shows signs of heavy corrosion and is nearing the end of its useful life. The VAV units are approaching the end of their expected service life.

ELECTRICAL

The electrical system is original and is in fair condition. Both the exterior and interior lighting systems are also rated fair. Interior spaces utilize a variety of fixtures, primarily fluorescent lamps, which do not provide high-quality illumination or energy efficiency.

Student Services Center

FIRE PROTECTION

The fire alarm system and fully addressable fire alarm panel were upgraded in 2023 and are in good condition. The fire suppression system is original and is in fair condition.

PLUMBING

The plumbing system and water heaters are original and are in fair condition.

OTHER SYSTEMS

The security and surveillance system is rated fair.

ACCESSIBILITY

The building was constructed in compliance with ADA standards in effect at the time and remains accessible today. This includes ADA-compliant toilet rooms and fully accessible elevators that connect all floors. ADA designated parking spaces lack the required pole-mounted accessibility signage, a non-compliant condition that has been identified and included in the College's upcoming project list.

Student Services Building Entrance

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below illustrates that the majority of renewal costs fall under the Lifecycle/Renewal and Performance/Integrity categories. Systems categorized under Lifecycle/Renewal include fire alarm, fire suppression, electrical, HVAC, and interior finishes. Building envelope components are classified under Performance/Integrity due to deficiencies impacting reliability and long-term function. The total estimated investment over ten years is $1,882,600.

10-Year Total: $1,882,600

🟧	Performance/Integrity	$869,900
🟦	Accessibility	$3,000
🟪	Retro-Fit/Adaptation	$9,100
⬜	Aged But Functional	$44,300
⬜	Lifecycle/Renewal	$956,300
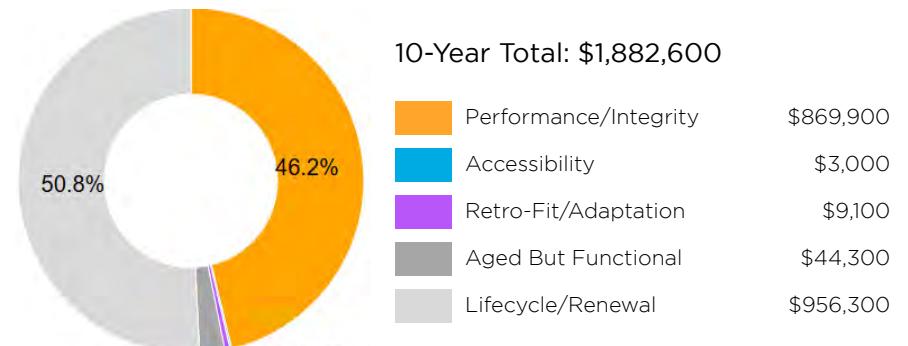
Interior Lighting
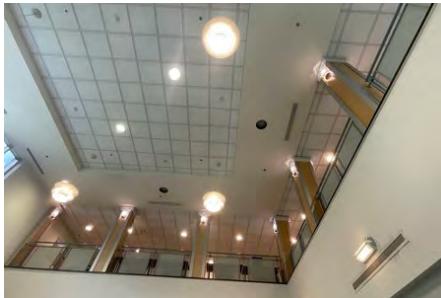
Suspended Acoustical Tile Ceiling

Exterior Wall

Roof

Interior Finishes

Fire Suppression System


Plumbing System

ADA Parking Spaces

Building Use and Condition

ARUNDEL MILLS (AMIL)

■ Excellent	■ Fair
■ Good	■ Upcoming Project
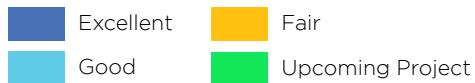
FCI RATING

Arundel Mills (AMIL) has a Facility Condition Index rating of good, indicating that the building is performing well overall. Most systems are in working order, with recent HVAC and fire alarm upgrades addressing key needs. Remaining deficiencies are limited in scope and largely tied to original finishes and aging exterior components.

SUITABILITY

AMIL has multiple classrooms and is well configured for lecture instruction for course sections of up to 110. Class labs are suitable for their disciplines: casino training, sciences, and computer labs. Offices are suitable in configuration and size.

CONSTRUCTED

2003

CONSTRUCTION TYPE

- Steel frame with a concrete-topped metal deck construction
- Flat roofs with built-up membrane
- Concrete panels and exposed CMU exterior finish

SPACE DATA

- Net Assignable Square Feet: 49,878
- Gross Square Feet: 80,649
- Floors above grade: 5

UTILITIES

- Sprinklers: Yes
- HVAC: Roof-mounted packaged air-conditioners, boilers, variable air volume (VAV) boxes, and air handlers
- Electric: 3,000 amps, 277/480 volt three-phase four-wire alternating current (AC)

DEPARTMENTS

- Classrooms
- Seminar Rooms
- Computer Labs
- Science Labs
- Lecture Hall

ARCHITECTURAL

The majority of interior elements and building envelope components are in fair condition. Carpet was replaced throughout the building in 2022 and is in good condition. However, portions of the envelope are in poor condition due to roof degradation and exterior finishes that have exceeded their useful life. Concrete walls and railings at the exterior patio are also exhibiting signs of corrosion and physical damage.

MECHANICAL

HVAC system components were replaced in 2024 and are in excellent condition. The boiler, replaced in 2017, and the split system ductless unit, replaced in 2022, are both in good condition. The hydronic piping and ductwork throughout the building are original to the 2003 construction and are rated fair. An original boiler exhibits signs of corrosion, and several exhaust fan components show significant corrosion and are rated poor. Additionally, two rooftop units (RTUs) are in poor condition and have exceeded their expected service life.

ELECTRICAL

The original electrical system is in good condition. Both the exterior and interior lighting systems are rated fair. Interior spaces are illuminated with a variety of fixture types, most of which use fluorescent lamps that do not provide high quality or energy efficient lighting.

FIRE PROTECTION

The fully addressable fire alarm panel was replaced in 2021 and is in good condition. The fire alarm and fire suppression systems are original to the building's construction and are currently rated fair.

PLUMBING

The original plumbing system is in fair condition.

OTHER SYSTEMS

The intrusion detection and security and surveillance systems are original to the building's construction and are rated fair. The public address system is also original and in fair condition.

ACCESSIBILITY

Built in 2003, the building meets contemporaneous accessibility standards, including an accessible elevator that connects all floors. However, roll-under clearance was not provided at the sink in the Breakroom 207, a minor reconfiguration that is included on the College's project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below shows that 55.6% of renewal costs fall under the Lifecycle/Renewal category, addressing core systems such as HVAC, electrical, plumbing, and fire suppression. An additional 30% is categorized as Aged But Functional, including interior finishes and the fire alarm system. Performance/Integrity accounts for 14.3% of costs, primarily related to the elevator and its controls. A small portion falls under Safety for interior doors and emergency plumbing fixtures. The majority of building systems and architectural elements are original to the 2003 construction. The total estimated investment over ten years is $7,596,900.

10-Year Total: $7,596,900

🟥	Safety	$4,800
🟧	Performance/Integrity	$1,086,200
🟦	Accessibility	$2,000
⬜	Aged But Functional	$2,280,100
⬜	Lifecycle/Renewal	$4,223,800
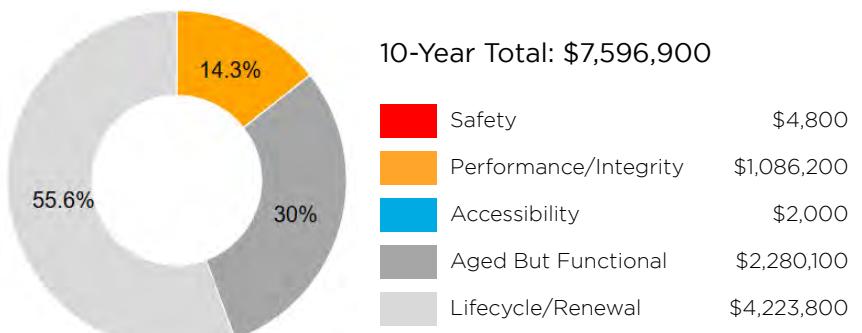
Building Use and Condition

GLEN BURNIE TOWN CENTER (GBTC)

■ Excellent		■ Fair	
■ Good		■ Upcoming Project	
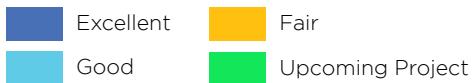
FCI RATING

Glen Burnie Town Center (GBTC) has a Facility Condition Index in the fair range. While some elements have been upgraded in recent years, many original systems and finishes from the 1982 construction are outdated or deteriorating. The roof and building envelope require significant attention, and several accessibility and lighting deficiencies are noted on the College's project list.

SUITABILITY

GBTC is well configured for lecture instruction, computer labs, and offices. Its two science labs are sized and configured appropriately. The continuing education certified nursing assistant training lab is suitable for its use.

CONSTRUCTED

1982

RENOVATED

2000

CONSTRUCTION TYPE

- Steel frame with concrete-topped metal decks
- Flat roof with thermoplastic polyolefin (TPO) roofing membrane

SPACE DATA

- Net Assignable Square Feet: 33,395
- Gross Square Feet: 45,231
- Floors above grade: 5

UTILITIES

- Sprinklers: None
- HVAC: Rooftop electric split system condensing units with high-capacity air handling units
- Electric: 1,200 amps, 277/480 volt three-phase four-wire alternating current; systems and meters owned and operated by BGE

DEPARTMENTS

- Center for Workforce Solutions
- Computer Labs
- Classrooms
- Student Services

ARCHITECTURAL

Some architectural elements, including flooring, ceiling, and wall finishes, were replaced in 2024 and are in good condition. However, several original elements from the building's 1982 construction are rated poor. These include worn carpeting throughout, damaged exterior soffit finishes, deteriorating brick mortar, and expansion joints that are beginning to open. The roof has multiple active leaks and is included on the College's project list for replacement.

MECHANICAL

Mechanical systems have been replaced or updated over the years since the building's original construction, most recently in 2011. Components such as interior air handlers, exhaust fans, and the HVAC system, last replaced in 1996, are all currently in fair condition.

ELECTRICAL

The electrical system is original to the building's construction and is in fair condition. Both exterior and interior lighting systems are also rated fair. Interior lighting upgrades are included on the College's project list.

FIRE PROTECTION

The fully addressable fire alarm panel and fire alarm system were upgraded in 1993 and are currently in fair condition. While the panel remains functional, it is outdated. The building is also equipped with a fire suppression system rated fair.

PLUMBING

The original plumbing system is in fair condition.

OTHER SYSTEMS

The security and surveillance system is rated fair. Exterior building-mounted signage, replaced in 2019, is good condition.

ACCESSIBILITY

The building was renovated in compliance with ADA standards in effect at the time. A Level III ADA study, including field measurements, identified several areas of the building with major or moderate accessibility issues. Addressing these deficiencies is included in the College's project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that the majority of renewal costs fall under the Aged But Functional and Lifecycle/Renewal categories. Aged component include glazing, and systems such as electrical, and plumbing. Lifecycle/Renewal costs include interior finishes and the roof. Building envelope improvements, specifically exterior walls, fall under Performance/Integrity. Retrofit costs include exterior lighting and fire suppression system upgrades. A small portion is allocated to Safety for emergency plumbing fixtures. The total estimated investment over ten years is $4,563,500.

10-Year Total: $4,563,500

	Category	Cost
⬛ (red)	Safety	$1,500
⬛ (orange)	Performance/Integrity	$429,100
⬛ (blue)	Accessibility	$11,200
⬛ (purple)	Retro-Fit/Adaptation	$382,900
⬛ (gray)	Aged But Functional	$1,908,500
⬛ (light gray)	Lifecycle/Renewal	$1,830,300
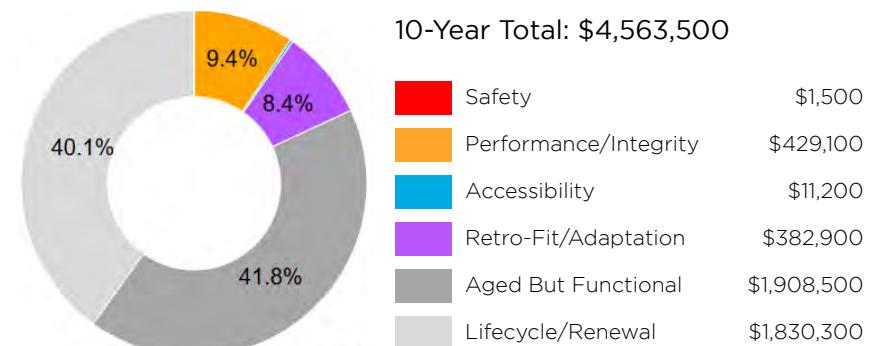
Building Use and Condition

HOTEL, CULINARY ARTS, AND TOURISM INSTITUTE (HCAT)

■	Excellent	■	Fair
■	Good	■	Upcoming Project
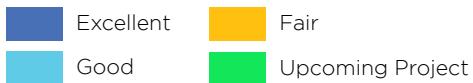
FCI RATING

The Hotel, Culinary Arts, and Tourism Institute (HCAT) has a Facility Condition Index rated as fair, reflecting widespread deficiencies across systems and finishes, including major strucural issues. Though still operational, the building faces mounting maintenance issues that have led the County and the College to plan for consolidation of the program on the main campus.

SUITABILITY

Culinary arts labs and instructional spaces are suitably sized in this building. Multiple condition issues have prompted AACC to move the program out of the building.

CONSTRUCTED

2001

CONSTRUCTION TYPE

- Brick veneer exterior
- Steel frame with concrete-topped metal decks
- Flat roofs with single-ply membrane

SPACE DATA

- Net Assignable Square Feet: 6,221
- Gross Square Feet: 15,406
- Floors above grade: 2

UTILITIES

- Sprinklers: Yes
- HVAC: Package rooftop units, split system heat pumps, and direct fired heaters
- Electric: 800 amps, 120/208 volt three-phase four-wire alternating current; owned and maintained by BGE

DEPARTMENTS

- Cafe
- Classrooms
- Kitchens
- Computer Labs
- Classrooms

ARCHITECTURAL

Most architectural elements are in fair condition. However, many components of the building envelope are in poor condition. Noted issues include brick deterioration, areas of compromised roof membrane, and multiple locations of failed elastomeric sealant around windows and doors. A structural engineering study was conducted and found the structure to be in poor condition, with settlement occurring in the concrete slab. This movement has contributed to issues with interior walls and ceilings.

MECHANICAL

The HVAC system is original to the building's 2001 construction and is currently in fair condition. The original rooftop units (RTUs) are also rated fair but are nearing the end of their expected service life.

ELECTRICAL

The electrical system, along with the exterior and interior lighting systems, is in fair condition. The interior lighting is not LED and does not provide high-quality or energy-efficient illumination.

FIRE PROTECTION

The fire alarm system and fully addressable fire alarm panel were upgraded in 2016 and are currently in fair condition. The original fire suppression system is also rated fair.

PLUMBING

The original plumbing system is in fair condition. The water heater, replaced in 2016, is also rated fair.

OTHER SYSTEMS

The security and surveillance system is in fair condition. Food service equipment has been updated periodically since the building's construction, although some original equipment remains. Overall, the equipment is in fair condition.

ACCESSIBILITY

The building was renovated in compliance with ADA standards in effect at the time. A Level III ADA study, including field measurements, identified several areas of the building with major or moderate accessibility issues. In addition, the parking lot lacks a designated ADA-compliant parking space. Addressing these deficiencies is included on the College's project list.

FACILITIES CONDITION AND ASSET MANAGEMENT

The chart below indicates that 53% of renewal costs are categorized under Lifecycle/Renewal, including key systems such as fire suppression, fire alarm, and HVAC, and interior finishes. An additional 31.8% falls under Aged But Functional, primarily due to original food service equipment installed at the time of construction in 2001. Retrofit/Adaptation accounts for 10.5% of costs. The Performance/Integrity category includes the building envelope. A small allocation is also included for an engineering study to assess the building's structural integrity. The total estimated investment over ten years is $1,161,100.

10-Year Total: $1,161,100

Category	Cost
Safety	$7,000
Performance/Integrity	$38,700
Accessibility	$8,500
Retro-Fit/Adaptation	$122,400
Aged But Functional	$368,900
Lifecycle/Renewal	$615,600