



APPLIED TECHNOLOGY MANAGEMENT, ASSOCIATE OF SCIENCE - CONSTRUCTION

Program Code: 2194B

Career Pathway: Industry, Manufacturing, Construction & Transportation

Location(s): General education courses are available at all BC locations. (<https://www.broward.edu/about/locations/>)

Program Entrance Requirements: HS Diploma or GE.

Program Description: This program provides students, who have obtained competency in a variety of fields, an opportunity to pursue college level education that is appropriate for management roles and upward mobility in their respective fields.

Additional Program Information: This program is part of an Articulation Agreement with the local Technical Colleges. Upon successful completion of the specific programs available at the Technical Colleges, students will be eligible for 27 credits toward the Associate of Science in Applied Technology Management program. More information about the Articulation Agreement can be found online (<http://www.broward.edu/academics/cpl/Pages/technical-college.aspx>).

1. Technical College Program
2. Applied Technology Management, Associate of Science - Construction 2194B
3. Bachelor of Applied Science

Course	Title	Credits
ENC1101	COMPOSITION I	3
GE Course	General Education Speech	3
GE Course	General Education Mathematics Core	3
BCT1770	CONSTRUCTION ESTIMATING	2
CGS1060C	COMPUTER AND INTERNET LITERACY ¹	3
BCT1706	CONSTRUCTION DOCUMENTS	2
AMH2010	HISTORY OF THE UNITED STATES TO 1877	3
or POS2041	NATIONAL GOVERNMENT	
or AMH2020	HISTORY OF THE UNITED STATES SINCE 1877	
GE Course	General Education Humanities Core	3
BCN1272	BUILDING CONSTRUCTION PLANS INTERPRETATION	2
BCT2720C	CONSTRUCTION SCHEDULING	3
GE Course	General Education Natural Science Core	3
BCT2760	BUILDING CODES AND REGULATIONS	3
MNA1949	INDUSTRY WORK EXPERIENCE ²	27
Total Credits		60

¹ Students must satisfy the Digital Literacy requirement by testing out, completing a Credit for Prior Learning portfolio, or passing CGS1060C (<https://catalog.broward.edu/search/?P=CGS1060C>) COMPUTER AND INTERNET LITERACY. Students who test out are required to take an approved elective.

² These credits are awarded based on an established Articulation Agreement. The credits are awarded when the student has provided documentation of successful completion of one of the specific identified programs at a partnering Technical College or Florida Department of Education Apprenticeship.

Notes:

See General Education course information here (<https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/>).

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at broward.edu/civic-literacy (<https://students.broward.edu/resources/civic-literacy/>).

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.

PROGRAM HIGHLIGHTS

CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...

RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses

- Florida Certified Residential Contractor's License Exam

GET AN INTERNSHIP

After completing your first year of coursework make sure to visit Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.

FUND YOUR EDUCATION

This program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available. This program is part of the Career Source Broward ITA List (<http://careersourcebroward.com/>).

PROGRAM LEARNING OUTCOMES

Graduates from this program will:

- Students will demonstrate an understanding of the level of competency and professionalism expected in the industry.
- Graduates will be able to develop and interrupt building schedules.
- Graduates will be able to demonstrate understanding of building costs and regulations.
- Graduates will be able to analyze the determination of building construction costs. Commences with the classification of materials, labor, and subcontracted work into the smallest manageable units. Development of a simple estimate for a residential structure.
- Students will be familiarized with documents used in the construction industry, facets of the construction process, contractual relationships, the relationship of documents to each phase of construction, and an overview of the Construction Specifications Institute's (CSI) MasterFormat divisions. At the conclusion of the course, students will have gained the proficiency necessary to pass the Construction Documents Technologist (CDT) certification exam given by the CSI.