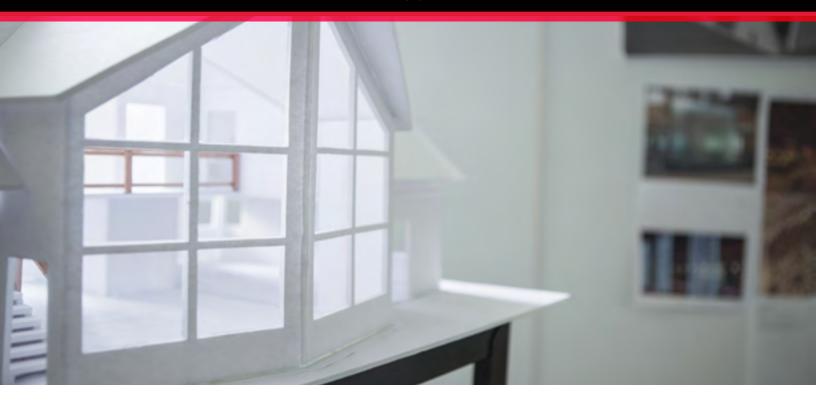# Central Maine
COMMUNITY COLLEGE

ARCHITECTURAL & CIVIL ENGINEERING TECHNOLOGY

Associate in Applied Science

Through a unique combination of in-class and hands-on experience, students in the Architectural and Civil Engineering Technology degree utilize modern software, methods, and techniques to define, analyze, and integrate solutions in architecture, civil engineering, and sustainability.

Students are prepared for research and documentation in residential and commercial building and site design. Graduates may continue their education at the bachelor's level or enter the architectural and civil engineering field.

Graduates may pursue careers with:

- **Architectural Firms**
- **Engineering Offices**
- **Structural or Fabrication Departments in Industrial Plants**
- **Contractors**
- **Land Surveyors**
- **Building Materials Supply Firms**
- **Municipal or State Engineering Offices**

Degree Requirements

Semester I
		Credit Hours
CAD 110	Introduction to CAD	3
ACE 113	Architecture and Design	3
ACE 155	Residential Site Design	3
ENG ___*	Select one of the following:	3
	ENG 101 College Writing	
	ENG 105 College Writing Seminar	(4)
MAT ___*	Select one of the following:	3
	MAT 105 Geometry & Trigonometry	
	MAT 122 College Algebra	
___ ___	Elective: Humanities/Social Science	3

Semester II
ACE 110	Construction and Materials	3
ACE 121	Structures I	3
ACE 225	Commercial Site Design	3
PHY 121	Technical Physics I Lecture	3
PHY 122	Technical Physics I Lab	1
ENG 201	Technical Writing	3

Semester III
CAD 262	Intermediate CAD	3
ACE 165	Commercial Building Design	3
ACE 122	Structures II	3
ACE 239	Applied Engineering Science	3
___ ___	Elective: Humanities/Social Science	3

Semester IV
ACE 268	Trends in Architectural & Civil Engineering	3
ACE 204	Building Systems	3
ACE 274	Project Management	3
ACE ___	Select one of the following:	3
	ACE 298 Capstone	
	ACE 297 Internship	
___ ___	Elective: Humanities/Social Science	3

Total Credit Hour Requirements   **64-65**

*Placement determined by assessment test scores and/or prior college coursework