

CONSTRUCTION MANAGEMENT

CONSTRUCTION MANAGEMENT A.A.S.

Program Code: E.CDM.AAS

Associate in Applied Science (A.A.S.)

Graduation requirement — 63 semester hours

The Construction Management Program prepares students to enter the construction industry in technical, managerial, and supervisory roles in three major areas: residential and light commercial building construction, heavy commercial building construction, and civil construction (roads, bridges, utilities). Entry-level employment is generally in the areas of project management, field inspection, material testing, cost estimating, computer-aided drafting, and surveying.

Program Notes*

- Students may substitute a technical elective for CIT 230 and another surveying course for SRV 211 with approval of a construction faculty advisor.
- Students planning to transfer should take MAT 124 instead of MAT 131. Select a math elective with advice from a construction faculty advisor.
- Students planning to transfer should take ENG 101 instead of ENG 111. Select a second communications course with advice from a construction faculty advisor.
- Students transferring to a four-year institution should plan their programs with a construction faculty advisor.

Suggested Full-time Sequence

FALL	SPRING	SUMMER
1st Semester	2nd Semester	CIT 230
CIT 118	CAD 124	
CIT 130	CAD 214	
ELT 111	CIT 111	
MAT 131 or MAT 124*	CIT 135	
SRV 113	ENG 111 or ENG 101	
	MAT 110 or MAT elec	

FALL	SPRING
3rd Semester	4th Semester
CIT 212	CAD 132
CIT 213	CAD 232
COM 103 or COM 120 or ENG 102	CIT 215
PHY 120/129 or CHE 104	CIT 216
SRV 211	CIT 236

Required Program Courses (46 hours)

Cr. Hrs.

CAD 124	Introduction to AutoCAD	2
CAD 132	Introduction to Microstation	2
CAD 214	Building Information Modeling (BIM) with Revit	2
CAD 232	Civil Survey CAD Applications	2
CIT 111	Construction Materials	3
CIT 118	Introduction to Construction	3
CIT 130	Construction Plan Fundamentals	3
CIT 135	Residential Building Systems	3
CIT 212	Commercial Facility Systems	3
CIT 213	Soil Mechanics	3
CIT 215	Construction Cost Estimating	4
CIT 216	Construction Contract Administration	3
CIT 230*	Construction Field Experience	2
CIT 236	Site Development	3
ELT 111	Computer Applications for Technicians	2
SRV 113	Basic Surveying	3
SRV 211*	Construction Surveying	3

Required General Education Courses (17 hours)

ENG 101	Composition I	
or ENG 111	Workplace Writing	3
COM 103	Introduction to Public Speaking	
or COM 120	Interpersonal Communication	
or ENG 102	Composition II	3
MAT 131	Applied Mathematics	
or MAT 124*	College Algebra	4
MAT 110	Business Mathematics	
or MAT elective	3
PHY 120	How Things Work	3
and PHY 129	How Things Work - Laboratory	1
or CHE 104	Chemistry of Everyday Life	4

Total Semester Credit Hours

63