

You can double major without taking the same course twice. Courses taken in other degree options will be accepted for your double major.

**CONSTRUCTION MANAGEMENT
ASSOCIATES DEGREE**

Construction Management C059		
FALL		
AET 101s	Architectural Drawing	3
CMT 101s	Construction Materials & Methods	3
CMT 161	Intro. To Sustainable Construction	1
CMT 114	OSHA Construction Safety	1
CMT 120	Construction Problem Solving	1
CIS 146	Microcomputer Applications	3
MTH 100	Intermediate College Algebra	3
		TOTAL 15
SPRING		
AET 241	Building & Zoning Code	3
CMT 206s	Construction Estimating	3
CMT 156	Contracting and Construction Law	3
ENG 101	English Composition I	3
MST 111 or MST 215	Elements of Supervision Small Business Management	3
		TOTAL 15
SUMMER		
CDT 205	Fundamentals of Surveying	3
CMT 102	Construction Blueprint Reading	3
PHY 115	Technical Physics	4
		TOTAL 10
FALL		
AET 191	Basic Building Info. Modeling (BIM)	3
CDT 225	Mechanics & Strength of Structures	4
CMT 217	Software Applications in Construction	3
CMT 209	Elec. & Mech. Equip in Buildings	4
CMT 140	Concrete Testing	1
		TOTAL 15
SPRING		
AET 233	Structural Design of Buildings	4
CMT 205s	Construction Management	3
ECO 231 or ECO 232	Principles of Macroeconomics Principles of Microeconomics	3
Choose One Humanities Elective		3
SPH 107 or SPH 106	Fundamentals of Public Speaking Fundamentals of Oral Communication	3
		TOTAL 16

(71 Semester Hours)

**CONSTRUCTION MANAGEMENT
Advanced Certificate "C059"**

(33 Semester Hours)	AET 101s	Architectural Drawing	3
	CMT 101s	Const. Materials & Methods	3
	CMT 161	Intro. To Sustainable Construction	1
	CMT 114	OSHA Construction Safety	1
	MTH 100	Intermediate College Algebra	3
	CMT 120	Construction Problem Solving	1
	AET 241	Building & Zoning Code	3
	CMT 206s	Construction Estimating	3
	MST 111 or MST 215	Elements of Supervision Small Business Management	3
	CIS 146	Microcomputer Applications	3
	CMT 102	Construction Blueprint Reading	3
	ENG 101	English Composition I	3
Choose One Humanities Elective		3	
			TOTAL 33
CONSTRUCTION MANAGEMENT Short Certificate "STC C059"			
(27 Semester Hours)	AET 101s	Architectural Drawing	3
	CMT 101s	Const. Materials & Methods	3
	CMT 161	Intro. To Sustainable Construction	1
	CMT 114	OSHA Construction Safety	1
	MTH 100	Intermediate College Algebra	3
	CMT 120	Construction Problem Solving	1
	AET 241	Building & Zoning Code	3
	CMT 206s	Construction Estimating	3
	MST 111 or MST 215	Elements of Supervision Small Business Management	3
	CIS 146	Microcomputer Applications	3
	CMT 102	Construction Blueprint Reading	3

CERTIFICATE

The certificate program covers the fundamentals of construction principles and applications. The graduate can apply skills obtained in Estimating, Blueprint Reading, Construction Methods, Management, and Codes in jobs related to the construction industry.

ASSOCIATES

This program covers construction principles and applications enabling the graduate to work in the construction industry in a supervisory or management position.

All course work in the certificate program will apply to the Associate of Science degree program.

**ARCHITECTURAL/CIVIL DESIGN
ASSOCIATES DEGREE**

Architecture/ Civil Design C020		
FALL		
AET 101s	Architectural Drawing	3
CMT 101s	Construction Materials & Methods	3
CMT 161	Intro. To Sustainable Construction	1
CMT 120	Construction Problem Solving	1
AET 110	Basic Architectural CAD	3
MTH 100	Intermediate College Algebra	3
		TOTAL 14
SPRING		
AET 191	Basic Building Info. Modeling (BIM)	3
AET 241	Building & Zoning Code	3
CDT 221	Structural Drafting for Technicians	3
CIS 146	Microcomputer Applications	3
ENG 101	English Composition I	3
		TOTAL 15
SUMMER		
CDT 205	Fundamentals of Surveying	3
AET 182a	Special Topics Architectural Desktop	3
PHY 115	Technical Physics	4
		TOTAL 10
FALL		
CDT 225	Mechanics & Strength of Structures	4
AET 291	Adv. Building Info. Modeling (BIM)	3
CMT 209	Elec. & Mech. Equip in Buildings	4
Choose One Humanities Elective		3
		TOTAL 14
SPRING		
AET 103	Working Drawings	3
AET 233	Structural Design of Buildings	4
Choose One Social Science Elective		3
SPH 107 or SPH 106	Fundamentals of Public Speaking Fundamentals of Oral Communication	3
		TOTAL 13

(66 Semester Hours)

**ARCHITECTURAL / CIVIL DESIGN
Advanced Certificate "C020"**

(32 Semester Hours)	AET 101s	Architectural Drawing	3
	CMT 101s	Const. Materials & Methods	3
	CMT 161	Intro. To Sustainable Construction	1
	AET 110	Basic Architectural CAD	3
	MTH 100	Intermediate College Algebra	3
	CMT 120	Construction Problem Solving	1
	AET 191	Basic Building Info. Modeling (BIM)	3
	CIS 146	Microcomputer Applications	3
	Choose One Humanities Elective		3
	ENG 101	English Composition I	3
	AET 182a	Architectural Desktop	3
	AET 291	Adv. Building Info. Modeling (BIM)	3
			TOTAL 32
ARCHITECTURAL / CIVIL DESIGN Short Certificate "STC C020"			
(26 Semester Hours)	AET 101s	Architectural Drawing	3
	CMT 101s	Const. Materials & Methods	3
	CMT 161	Intro. To Sustainable Construction	1
	AET 110	Basic Architectural CAD	3
	MTH 100	Intermediate College Algebra	3
	CMT 120	Construction Problem Solving	1
	AET 191	Basic Building Info. Modeling (BIM)	3
	CIS 146	Microcomputer Applications	3
	AET 182a	Architectural Desktop	3
	AET 291	Adv. Building Info. Modeling (BIM)	3
			TOTAL 26

CERTIFICATE

The certificate program covers the fundamentals of manual and computer aided drafting (CAD) enabling the graduate to apply these skills in jobs related to architecture and civil technologies.

ASSOCIATES

This program covers architectural principles and applications enabling the graduate to work as a technician or assistant to an engineer, architect, or builder in architectural design, drafting, surveying, structural design, and structural detailing.

The Road to Success is always



Lily Tomlin



The program covers the building process from conceptual design to the structures final completion. Students will learn drafting and scheduling software, estimating as well as practical skills used in all construction settings.



**BUILD YOUR
FUTURE FROM
DESIGN TO
REALITY!**

**SUSTAINABLE
& MODERN
BUILDING
DESIGN**



**TUITION
IN-STATE \$146
PER SEMESTER HOUR**

FINANCIAL AID IS AVAILABLE FOR QUALIFIED STUDENTS

Candidates for admission must have a high school diploma or a G.E.D. prior to taking courses.

The student should meet with an advisor to discuss program requirements and develop a plan of study.



Jefferson State follows equal opportunity admission policies and employment practices. All facilities are handicapped accessible

JEFFERSON STATE COMMUNITY COLLEGE
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Jefferson State
Community College

**CONSTRUCTION AND
BUILDING SCIENCE
TECHNOLOGY**



**CONSTRUCTION
MANAGEMENT**

**ARCHITECTURAL/
CIVIL DESIGN**

www.jeffersonstate.edu/cbst

Professional Career & Technical Education



The Construction Management Program is accredited by the American Council for Construction Education (ACCE).

**Industry
Partners**



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