

Construction Technology

Associate in Applied Science

Four-Semester Pathway - Academic Year 2019-2020

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS-100	Freshman Interest Group				1	
	Mathematics Elective		MATH-030		3	
CONS-105	Tool Safety				1	
CONS-107	Construction Print Reading				2	
CONS-117	Practical Building Concepts & Leveling		CONS-105, CONS-107		2	
CONS-127	Framing Methods		CONS-105, CONS-107		2	
OSHA-120	Construction Safety				1	
Semester 2						
CONS-137	Roof Framing		CONS-105, CONS-107		2	
CONS-147	Building Science & Energy Auditing		CONS-105, CONS-107		3	
CONS-157	Exterior Finishes, Windows, Doors, Trim & Siding		CONS-105, CONS-107		2	
CONS-167	Interior Finishes, Stairs & Millwork		CONS-105, CONS-107		2	
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
	Social Science Elective		See course prerequisites	See course corequisites	3	
Semester 3						
ENGL-115	Introduction to Literature		ENGL-100		3	
PHYS-110	Technical Physics & Lab			MATH-030	4	
	Construction Elective		See course prerequisites	See course corequisites	3	
	Construction Elective		See course prerequisites	See course corequisites	3	
	Technical Elective		See course prerequisites	See course corequisites	3	
Semester 4						
	Fine Arts or Humanities Elective		See course prerequisites	See course corequisites	3	
	Social Science Elective		See course prerequisites	See course corequisites	3	
	Construction Elective		See course prerequisites	See course corequisites	3	
	Construction Elective		See course prerequisites	See course corequisites	3	
	Technical Elective		See course prerequisites	See course corequisites	3	
	Technical Elective		See course prerequisites	See course corequisites	3	

Construction Technology

General Education Requirements					
Course Code	Course Title	Prerequisites	Corequisites	Credits	Met
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
ENGL-115	Introduction to Literature	ENGL-100		3	
FIGS-100	Freshman Interest Group Elective			1	
	Mathematics Elective	MATH-030		3	
PHYS-110	Technical Physics & Lab		MATH-030	4	
	Fine Arts or Humanities Elective			3	
	Social Science Electives			6	

Major Required Courses					
Course Code	Course Title	Prerequisites	Corequisites	Credits	Met
CONS-105	Tool Safety			1	
CONS-107	Construction Print Reading			2	
CONS-117	Practical Building Concepts & Leveling	CONS-105, CONS-107		2	
CONS-127	Framing Methods	CONS-105, CONS-107		2	
CONS-137	Roof Framing	CONS-105, CONS-107		2	
CONS-147	Building Science & Energy Auditing	CONS-105, CONS-107		3	
CONS-157	Exterior Finishes, Windows, Doors, Trim & Siding	CONS-105, CONS-107		2	
CONS-167	Interior Finishes, Stairs & Millwork	CONS-105, CONS-107		2	
OSHA-120	Construction Safety			1	
	Construction Electives			12	
	Technical Electives			9	

2019-2020

Construction Electives

AEDD-100	Print Reading
AEDD-105	CAD Graphics
AEDD-107	Industrial Design
AEDD-109	Intro to Marine Design
AEDD-140	Intro to Interior Design
AEDD-160	CAD Applications
AEDD-165	Basic Architecture with CAD
AEDD-170	Parametric Solid Modeling
AEDD-205	Technical Illustration
AEDD-216	Sustainable Design
AEDD-255	Applied Engineering - Buildings
CMPT-151	Spreadsheet Applications
COMP-100	Intro to Composites
COMP-105	Closed Mold Manufacturing and Mold Making
COMP-150	Composite Materials
CONS-230	Concrete Construction
CONS-245	Timber Framing
CONS-257	Construction Internship
ENGR-100	Introduction to Engineering

MATH-140 **OR**

MATH-145

WELD-100

College Algebra

College Algebra & Trigonometry

Intro to Welding

Technical Electives

ACCT-105	Financial Accounting
BUSN-100	Introduction to Business
BUSN-106	Social Media Marketing
BUSN-115	Personal Finance
BUSN-130	Entrepreneurship
BUSN-195	Business Modeling with Excel
BUSN-200	Marketing
BUSN-255	Human Resource Management
COMM-201	Technical Writing and Communication
GISS-150	Intro to Geographic Information Systems
HORT-100	Intro to Horticulture
HORT-120	Pruning
HORT-130	Soils and Soil Fertility
HORT-140	Integrated Pest Management