

Construction Technology Academic Degree Map

Associate of Applied Science



Year 1 – Fall Semester			
Course Code	Course Title	Credits	Notes
BTR 102	OSHA 10	1	
BTR 106	Introductory Craft Skills	3	
BTR 116	Carpentry Basics	4	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30) and BTR 106 (Introductory Craft Skills) with a "C" or better.
BTR 121	Floors, Walls & Ceiling Framing	4	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30) and BTR 106 (Introductory Craft Skills) with a "C" or better.
BTR 131	Roof Framing	3	Prerequisite(s): 102 (OSHA 10) or BTR 104 (OSHA 30) and BTR 106 (Introductory Craft Skills) with a "C" or better.
BTR 136	Windows, Doors & Stairs	3	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30) and BTR 106 (Introductory Craft Skills) with a "C" or better.
	Math Option ¹	3	Based upon placement testing requirements.
CREDIT HOURS SUBTOTAL		21	
Year 1 – Spring Semester			
Course Code	Course Title	Credits	Notes
BTR 143	Concrete 1	3	Prerequisite(s): BTR 102 or 104, 106, 116, 121, 131 and 136 with a grade of C or higher.
BTR 155	Drywall, Insulation & Finishing	3	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30), BTR 106 (Introductory Craft Skills), BTR 116 (Carpentry Basics), BTR 121 (Floors, Wall, & Ceiling Framing), BTR 131 (Roof Framing), and BTR 136 (Windows, Doors, & Stairs) with a "C" or better.
BTR 160	Interior Finish Carpentry	5	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30), BTR 106 (Introductory Craft Skills), BTR 116 (Carpentry Basics), BTR 121 (Floors, Wall, & Ceiling Framing), BTR 131 (Roof Framing), and BTR 136 (Windows, Doors, & Stairs) with a "C" or better.
BTR 175	NCCER Carpentry Level 2	4	Prerequisite(s): BTR 102 (OSHA 10) or BTR 104 (OSHA 30), BTR 106 (Introductory Craft Skills), BTR 116 (Carpentry Basics), BTR 121 (Floors, Wall, & Ceiling Framing), BTR 131 (Roof Framing), and BTR 136 (Windows, Doors, & Stairs) with a "C" or better.
EMP 1901	Global Employment Standards	1	
CREDIT HOURS SUBTOTAL		16	
Year 2 – Fall Semester			
Course Code	Course Title	Credits	Notes
	English Option ²	3	Based upon placement testing requirements.
	Technical Elective ⁴	3	Suggested technical elective option.
	General Education Elective ³	3	Recommended general education elective.
	General Education Elective ³	3	Recommended general education elective.
CREDIT HOURS SUBTOTAL		12	
Year 2 – Spring Semester			
Course Code	Course Title	Credits	Notes
	Technical Elective ⁴	3	Suggested technical elective option.
	Technical Elective ⁴	3	Suggested technical elective option.
	Technical Elective ⁴	3	Suggested technical elective option.
	General Education Elective ³	3	Recommended general education elective.
CREDIT HOURS SUBTOTAL		12	
TOTAL HOURS IN PROGRAM: 61			

Math Options¹			
Course Code	Course Title	Credit Hours	Notes
MAT 109	Technical Mathematics II	3	Prerequisite(s): Meet placement guidelines OR MAT 101 with a grade of "C" or higher OR MAT 108 with a grade of "C" or higher.
MAT 110	Intermediate Algebra	3	Prerequisite(s): Meet placement guidelines OR MAT 108 Beginning Algebra with a grade of "C" or higher.
MAT 135	College Algebra	3	Prerequisite(s): Meet Placement Guidelines OR MAT 109 with a grade of "C" or better OR MAT 110 with a grade of "C" or better.

English Options²			
Course Code	Course Title	Credit Hours	Notes
COM 110	Technical Writing	3	Prerequisite(s): Meet placement guidelines.
COM 105	English Composition I	3	Prerequisite(s): Meet placement guidelines.
COM 106	English Composition II	3	Prerequisite(s): COM 105 with a grade of "C" or higher.

General Education Elective Options³			
Course Code	Course Title	Credit Hours	Notes
COM 115	Public Speaking	3	
COM 116	Interpersonal Communications	3	Prerequisite(s): Meet placement guidelines.
HIS 106	U.S. History Since 1877	3	
HIS 105	U.S. History to 1877	3	
NTR 105	Nutrition	3	
POL 105	American Government	3	
PSY 100	General Psychology	3	
PSY 125	Human Growth & Development	3	
SOC 100	Intro to Sociology	3	
BSC 110	Biology	5	
BSC 125	Anatomy & Physiology	5	Prerequisite(s): BSC 110 with a "C" or higher or High School Anatomy & Physiology within five years with a "C" or higher and permission of instructor.
BSC 205	Microbiology	5	Prerequisite(s): BSC 110 with a "C" or higher or permission of instructor.
CHM 105	Intro to Chemistry -- KRSN CHM1030	5	Prerequisite(s): High school Algebra with "C" or higher.
CHM 110	Chemistry I--KRSN CHM1010	5	Prerequisite(s): Secondary or Post-secondary General Chemistry or Physical Science and Algebra within 5 years with grades of C or higher.
MAT 145	Elementary Statistics	3	Prerequisite(s): Meet placement guidelines OR MAT 109 with a grade of "C" or better OR MAT 110 with a grade of "C" or better.
MAT 155	Trigonometry	3	Prerequisite(s): MAT 135 College Algebra with a grade of "C" or higher.
MAT 101	Technical Mathematics I	3	Prerequisite(s): Meet placement guidelines.
MAT 109	Technical Mathematics II	3	Prerequisite(s): Meet placement guidelines OR MAT 101 with a grade of "C" or higher OR MAT 108 with a grade of "C" or higher.
COM 110	Technical Writing	3	Prerequisite(s): Meet placement guidelines.
PHY 100	General Physics	3	Prerequisite(s): Intermediate algebra.
COM 106	English Composition II	3	Prerequisite(s): COM 105 with a grade of C or higher.
CIS 100	Software Applications	3	

Suggested Technical Elective Options⁴			
Course Code	Course Title	Credit Hours	Notes
ACC100	Business Accounting	3	
BTR 104	OSHA 30 Construction Industry Certification	2	
BUS 111	Personal Finance	3	
BUS 126	Introduction to Business	3	
BUS 185	Business Ethics & Human Relations	3	
BUS 255	Principles of Management	3	

† Additional Technical Elective options are available; see an advisor.