

**THE UNIVERSITY OF AKRON
AKRON OHIO
SUMMIT COLLEGE**

CONSTRUCTION ENGINEERING TECHNOLOGY

2990: Associate of Applied Science Degree

Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology,
111 Market Place, Suite 1050, Baltimore, MD 21202-4012 - Telephone (410) 347-7700.

FIRST YEAR

Fall Semester

	<u>Credit Hours</u>	<u>Prerequisites</u>
2020:121 English	4	Placement Test
2030:153 Technical Mathematics III	2	2030:152 or equiv with a grade of C- or better or placement test
2820:131 Software Applications for Tech. (Sch. Lab)	1	2030:151
2820:161 Tech. Physics: Mech. I (Sch. Lab)	2	2030:153 Coreq.
2820:162 Tech. Physics: Mech. II (Sch. Lab)	2	2820:161; 2030:153 Prereq.
2980:101 Basic Surveying I (Sch. Lab)	2	2030:152 Coreq. or equiv.
2990:131 Building Construction	<u>2</u>	
	15	

Spring Semester

2030:154 Technical Mathematics IV	3	2030:153 or equiv with grade of C- or better or placement test
2020:222 Technical Report Writing	3	2020:121 or equivalent
2980:102 Basic Surveying II (Sch. Lab)	2	2030:153; 2980:101 or equiv. & 2940:180 (Coreq. or equiv.)
2990:125 Statics	3	2820:162 & 2030:153
2990:150 Blueprint Reading	2	2990:131
7600:105 Intro. to Public Speaking OR		
7600:106 Effective Oral Communications OR		
2540:263 Professional Communications & Presentations	<u>3</u>	
	16	

SECOND YEAR

Fall Semester

2030:255 Technical Calculus I	3	2030:154 or equiv with grade of C- or better or placement test
2820:163 Technical Physics: Elect. & Mag. (Sch. Lab)	2	2820:161 Prereq.; 2030:153 Coreq.
2820:164 Technical Physics: Heat & Light (Sch. Lab)	2	2820:161; 2030:153
2940:210 Computer Aided Drawing I	3	
2980:222 Construction Surveying (Sch. Lab) OR	3	2980:102 or equivalent
2990:246 Site Engineering	3	2980:101 & 2990:131
2990:237 Materials Testing I (Sch. Lab)	2	2030:153
2990:241 Strength of Materials	<u>3</u>	2990:125
	18	

Spring Semester

2040:242 American Urban Society	3	
2040:247 Survey of Basic Economics	3	
2990:234 Elements of Structures	3	2990:241
2990:238 Materials Testing II	2	2030:153
2990:245 Construction Estimating	3	2990:150 & 2030:153
2990:xxx Technical Elective*	<u>3</u>	
	17	

TOTAL CREDITS = 66

***Technical Electives:**

2880:232	Labor Management Relations	3
2940:250	Architectural Drafting	3
2980:xxx	Select 2980 courses upon approval of program director	
2990:310	Residential Building Construction	3
2990:320	Advanced Materials Testing	3
2990:351	Construction Quality Control	2
2990:359	Construction Cost Control	3
2990:361	Construction Formwork	3
2990:362	Advanced Elements of Structures	3
2990:420	Hydrology and Groundwater	3
2990:455	Computerized Precision Estimating	3
2990:465	Heavy Construction Methods	3
2990:489	Special Topics in Construction	1-3
2990:490	Workshop in Construction	1-3
2990:498	Independent Study in Construction	1-3

Associate Degree in Construction Engineering Technology
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