

## Associate in Applied Science Degree

# CONSTRUCTION MANAGEMENT TECHNOLOGY

The Associate in Applied Science in Construction Management Technology degree prepares students for employment in the field of construction, capable of filling entry- and mid-level supervisory positions within the industry. Also, the program allows those already employed in the construction industry to enhance their skills and prepare for advancement. The program focuses on the knowledge and skills needed to supervise an ongoing construction project, staying under cost, maintaining high quality, and building to the specifications.

### CURRICULUM SEQUENCE

#### First Semester - Fall

	Course Title	Semester Credit Hours
EGR 170	Engineering Materials	3
EGR 270	Introduction to Engineering	3
EGT 101	Basic Technical Drawing	2
ENG 155	Communications I*	3
MAT 175	Algebra Trigonometry I*	3
	<b>TOTAL</b>	<b>14</b>

#### Second Semester - Spring

AET 101	Building Systems I	3
CET 127	Building Construction Print Reading	4
EGR 260	Engineering Statics	3
EGR 275	Introduction to Engineering/ Computer Graphics	3
	<b>TOTAL</b>	<b>13</b>

#### Third Semester - Summer

BCT 200	SCWE Building Construction Technology "Internship"	6
	<b>TOTAL</b>	<b>6</b>

#### Fourth Semester - Fall

CET 140	Construction Financial Management	3
CET 216	Soil Mechanics	3
CET 230	Construction Management	3
CET 242	Concrete Design	3
ENG 160	Technical Communications*	3
	<b>TOTAL</b>	<b>15</b>

#### Fifth Semester - Spring

CET 245	Cost Estimating	3
CET 260	Construction Management Senior Project	3
EGR 285	Engineering Surveying I	3
EGR 295	Engineering Surveying Lab I	1
PSY 103	General Psychology*	3
PHI 101	Introduction to Philosophy**	3
	<b>TOTAL</b>	<b>16</b>

**TOTAL CREDIT HOURS** **64**

\*The following university transferable sequences may be substituted: ENG 101, ENG 102 and SPC 205 for ENG 155 and ENG 160; MAT 110 and MAT 111 for MAT 175; PSY 201 for PSY 103; PHI 110 for PHI 101.

\*\*Or Approved Humanities (including but not limited to ART 101, HIS 201, REL 103).