

## 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

|         |                             |           |
|---------|-----------------------------|-----------|
| 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 | 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         |
| SPA 107 | Hispanic Culture Communication**       | 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.

\*\*Or Approved Humanities.