



# Construction Technology

## Associate in Applied Science

### Four Semester Pathway Academic Year 2025-2026

| Semester 1              | Requirement   | Recommended                      | Prerequisites                          | Corequisites                      | Credits   | My Plan |
|-------------------------|---|----------------------------------|--|-----------------------------------|-----------|---------|
| FIGS 100                | Student Success Elective - Industrial Technology & Transportation Pathway |                                  |  |                                   | 1         |         |
|                         | Math Elective (MATH 130 or higher)  |                                  | MATH 040 or appropriate placement      |                                   | 3         |         |
| CONS 101                | Construction Safety (1st 8 weeks)   |                                  | Construction Program Acceptance        |                                   | 3         |         |
| AEDD 100                | Print Reading   |                                  | MATH 040 or appropriate placement      |                                   | 3         |         |
| AEDD 165                | Basic Architecture with CAD   |                                  | MATH 040 or appropriate placement      | AEDD 100                          | 3         |         |
| CONS 110                | Foundations to Walls (2nd 8 weeks)  |                                  |  | CONS 101, MATH 130 or Higher      | 3         |         |
| <b>Semester 2</b>       |   |                                  |  |                                   |           |         |
| CONS 147                | Building Science & Energy Auditing  |                                  |  |                                   | 3         |         |
| CONS 155                | Roof Framing and Finishes (1st 8 weeks)                                   |                                  | CONS 101, CONS 110, MATH 130 or Higher | CONS 156                          | 3         |         |
| CONS 156                | Exterior Finishes (2nd 8 weeks)   |                                  | CONS 101, CONS 110, MATH 130 or Higher | CONS 155                          | 3         |         |
| ENGL 100                | English Composition   |                                  | ENGL 080 or appropriate placement      |                                   | 3         |         |
|                         | Social Science Elective   |                                  | See course prerequisites               | See course corequisites           | 3         |         |
| <b>Semester 3</b>       |   |                                  |  |                                   |           |         |
| CONS 241                | Residential Building Code (1st 8 weeks)                                   |                                  | ENGL 080 or appropriate placement      |                                   | 3         |         |
| PHYS 110                | Technical Physics & Lab   |                                  |  | MATH 040 or appropriate placement | 4         |         |
| ENGL 115 OR<br>ENGL 117 | Introduction to Literature<br>Introduction to Professional Writing        |                                  | ENGL 100 or ENGL 101                   |                                   | 3         |         |
|                         | Technical Elective  | Finish Carpentry or Cabinetry    | See list on reverse                    | See course corequisites           | 2         |         |
|                         | Technical Elective  |                                  | See list on reverse                    | See course corequisites           | 1 to 4    |         |
| <b>Semester 4</b>       |   |                                  |  |                                   |           |         |
|                         | Fine Arts or Humanities Elective  | ARTA 111 History of Architecture | See course prerequisites               | See course corequisites           | 3         |         |
|                         | Social Science Elective   |                                  | See course prerequisites               | See course corequisites           | 3         |         |
| CONS 111                | Construction Seminar  |                                  | Construction Program Acceptance        |                                   | 1         |         |
|                         | Technical Elective  | Finish Carpentry or Cabinetry    | See list on reverse                    | See course corequisites           | 2         |         |
|                         | Technical Elective  |                                  | See list on reverse                    | See course corequisites           | 1 to 4    |         |
|                         |   |                                  |  | <b>Total Credits</b>              | <b>61</b> |         |

[Advice on Choosing Electives](#)



## Associate in Applied Science Worksheet

### Construction Technology

#### General Education Requirements

| Course Code            | Course Title   | Prerequisites                     | Corequisites                      | Credits | Met |
|------------------------|--|-----------------------------------|-----------------------------------|---------|-----|
| ENGL 100               | English Composition  | ENGL 080 or appropriate placement |                                   | 3       |     |
| ENGL 115 OR<br>ENGL117 | Introduction to Literature<br>Introduction to Professional Writing           | ENGL 100 or ENGL 101              |                                   | 3       |     |
| FIGS 100               | Student Success Elective - Industrial<br>Technology & Transportation Pathway |                                   |                                   | 1       |     |
|                        | Mathematics Elective (MATH 130 or higher)                                    | MATH 040 or appropriate placement |                                   | 3       |     |
| PHYS 110               | Technical Physics & Lab  |                                   | MATH 040 or appropriate placement | 4       |     |
|                        | Fine Arts or Humanities Elective   |                                   |                                   | 3       |     |
|                        | Social Science Electives   |                                   |                                   | 6       |     |

#### Major Required Courses

| Course Code | Course Title                            | Prerequisites                          | Corequisites                 | Credits | Met |
|-------------|---|--|------------------------------|---------|-----|
| AEDD 100    | Print Reading                           | MATH 040 or appropriate placement      |                              | 3       |     |
| AEDD 165    | Basic Architecture with CAD             |  | AEDD 100                     | 3       |     |
| CONS 101    | Construction Safety (1st 8 weeks)       | Construction Program Acceptance        |                              | 3       |     |
| CONS 110    | Foundations to Walls (2nd 8 weeks)      |  | CONS 101, MATH 130 or higher | 3       |     |
| CONS 111    | Construction Seminar                    | Construction Program Acceptance        |                              | 1       |     |
| CONS 147    | Building Science and Energy Auditing    |  |                              | 3       |     |
| CONS 155    | Roof Framing and Finishes (1st 8 weeks) | CONS 101, CONS 110, MATH 130 or higher | CONS 156                     | 3       |     |
| CONS 156    | Exterior Finishes (2nd 8 weeks)         | CONS 101, CONS 110, MATH 130 or higher | CONS 155                     | 3       |     |
| CONS 241    | Residential Building Code (1st 8 weeks) | ENGL 080 or appropriate placement      |                              | 3       |     |
|             | Technical Electives                     |  |                              | 13      |     |

#### Technical Electives

|  |                                   |   |
|--|-----------------------------------|---|
| AEDD 105 CAD Graphics                  | BUSN 100 Introduction to Business | CONS 201 Cabinetry (1st 8 weeks)        |
| AEDD 140 Intro Interior Design         | BUSN 115 Personal Finance         | CONS 202 Finish Carpentry (2nd 8 weeks) |
| AEDD 160 CAD Applications              | BUSN 130 Entrepreneurship         | CONS 257 Construction Internship        |
| AEDD 165 Basic Arch w/CAD              | BUSN 151 Spreadsheet Applications |   |
| AEDD 216 Sustainable Design            |                                   | HORT 210 Landscape Survey and Mapping   |
| AEDD 240 Building Systems              |                                   |   |
| AEDD 255 Applied Engineering Buildings |                                   | WELD 100 Intro to Welding               |
| ARTA 111 History of Architecture       |                                   |   |

2025-2026