**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**ARCHITECTURAL TECHNOLOGY (A40100)**

Effective: Fall 2022

Revised: 12/17/21

Length: 5 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Associate in Applied Science

**Fall Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ARC111 | Intro to Arch Technology | 1 | 6 | 0 | 3 |
| ARC112 | Constr Matls & Methods | 3 | 2 | 0 | 4 |
| ENG110 | Freshman Composition | 3 | 0 | 0 | 3 |
| or |  |  |  |  |  |
| ENG111 | Writing and Inquiry | 3 | 0 | 0 | 3 |
| MAT171 | Precalculus Algebra | 3 | 2 | 0 | 4 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **10** | **10** | **0** | **14** |

**Spring Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ARC113 | Residential Arch Tech | 1 | 6 | 0 | 3 |
| ARC114 | Architectural CAD | 1 | 3 | 0 | 2 |
| ARC114A | Architectural CAD Lab | 0 | 3 | 0 | 1 |
| ARC131 | Building Codes | 2 | 2 | 0 | 3 |
| or |  |  |  |  |  |
| CMT120 | Codes and Inspections | 3 | 0 | 0 | 3 |
| COM120 | Intro Interpersonal Com | 3 | 0 | 0 | 3 |
| or |  |  |  |  |  |
| COM231 | Public Speaking | 3 | 0 | 0 | 3 |
|  | Soc/Behav Science Elective | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **10** | **12** | **0** | **15** |

**Summer Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ARC210 | Intro to Sustain Design | 1 | 3 | 0 | 2 |
| or |  |  |  |  |  |
| SST140 | Green Bldg & Design Comcepts | 3 | 0 | 0 | 3 |
| ARC240 | Site Planning | 2 | 2 | 0 | 3 |
| ARC261 | Solar Technology | 1 | 2 | 0 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **4** | **4** | **0** | **7** |

**Fall Semester 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ARC132 | Specifications & Contracts | 2 | 0 | 0 | 2 |
| ARC211 | Light Constr Technology | 1 | 6 | 0 | 3 |
| ARC225 | Architectural BIM I | 1 | 3 | 0 | 2 |
| ARC225A | Architectural BIM I Lab | 0 | 3 | 0 | 1 |
| ARC231 | Arch Presentations | 2 | 4 | 0 | 4 |
| CST241 | Planning/Estimating I | 2 | 2 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **8** | **18** | **0** | **15** |

**Spring Semester 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ARC213 | Design Project | 2 | 6 | 0 | 4 |
| ARC226 | Architectural BIM II | 1 | 3 | 0 | 2 |
| ARC226A | Architectural BIM II Lab | 0 | 3 | 0 | 1 |
| ARC230 | Environmental Systems | 3 | 3 | 0 | 4 |
| ARC235 | Architectural Portfolio | 2 | 3 | 0 | 3 |
|  | Humanities/Fine Arts Elective | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **11** | **18** | **0** | **17** |

**TOTAL REQUIRED CREDITS... 68**

**Work-Based Learning Option**: NA

**Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.