## Technical Electives - 40

- **ACP 100**: Introduction to Coatings & Paint Technology
- **ACP 104**: Specialized Coating Processes
- **ACP 106**: Aerospace Manufacturing Tooling Orientation
- **AER 111**: Tap and Die
- **AER 115**: Aerostructures Assembly
- **AER 116**: Hand Power Tools for Aerospace Tooling
- **AER 125**: Tooling Capstone
- **AER 135**: Quality Assurance Orientation
- **AER 150**: Assembly Overview I
- **AER 155**: Aerospace Plumbing
- **AER 165**: Electrical Assembly Mechanic Orientation
- **AER 166**: Electrical Hand Tools
- **AER 167**: Drilling & Riveting/Ground Stud Installation
- **AER 168**: Wire Installation Drawings
- **AER 169**: Crimping & Cables
- **AER 170**: Fiber Optics for Aerospace
- **AER 175**: Wire Bundle Basics
- **AER 180**: Soldering
- **AER 185**: Wire Bundle Installation
- **ARU 110**: Composite Fabrication
- **ARU 115**: Sheetmetal Assembly
- **ARU 120**: Composite Repair I
- **ARU 125**: Advanced Assembly
- **ARU 130**: Electrical Assembly
- **ARU 135**: Electronics Basics
- **ARU 140**: Composite Repair II
- **ARU 145**: Machining Basics
- **ARU 150**: Advanced Measuring Instruments
- **ARU 155**: Aerospace Paint
- **ARU 160**: Process Mechanic
- **ARU 165**: Aviation Fundamentals of Quality
- **ARU 170**: Aviation Assembly Core
- **AVC 102**: Precision Instruments
- **AVC 103**: Geometric Dimensioning & Tolerancing
- **AVC 104**: Quality Control Concepts
- **AVC 105**: Aircraft Familiarization
- **AVC 107**: Fundamentals for Aerospace Manufacturing
- **AVC 108**: Aircraft Systems & Components
- **AVC 110**: Safety/OSHA 10
- **AVC 112**: Blueprint Reading
- **AVC 120**: Introduction to Sealing
- **AVC 125**: Bonding and Grounding
- **AVC 127**: Aviation Assembly Core
- **AVC 135**: Hand Tools
- **AVC 140**: Electrical Bonding & Grounding
- **AVC 145**: Power Island
- **AVC 150**: Human Factors
- **AVC 165**: Technical Writing
- **AVC 170**: Conflict Resolution
- **BUS 121**: Business Communications
- **CED 115**: Computer Applications
- **CFT 101**: Introduction to Composites
- **CFT 106**: Composite Finish Trim
- **CFT 107**: Composite Assembly
- **CFT 130**: Composite Fabrication Methods/Applications
- **CFT 135**: Overview of Composite Inspection
- **CFT 140**: Composite Inspection
- **ENG 101**: Composition I
- **LEN 100**: Lean for Operations
- **MTH 101**: Intermediate Algebra
- **NDT 114**: Visual Inspection
- **POV 105**: Blueprint for Personal Success

**Total Credits**: 62.00

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**Program Total**: $12,513.00

*Cost does not include online fees, books or tools. Financial Assistance may be available to those who qualify. Total calculated based on the lowest cost combination of elective credits required.

**Placement & Wage Data**

[www.WSUTECH.edu/placement](http://www.WSUTECH.edu/placement)

Get historical data on job placement rates and average wages from WSU Tech graduates.

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*Some courses may have a prerequisite in addition to the classes listed above. Please contact an Academic Advisor for details. Visit WSUtech.edu/checklist for program admission requirements.*