



2025-2026

WSUTECH.edu

Tooling and Fixture Fabrication, AAS

| CRN | COURSE NAME | CREDITS |
|-----|-------------|---------|
|-----|-------------|---------|

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|-----|---|---|---|
| TFF | 108 | Welding Safety & Orientation | 1 |
| TFF | 110 | Tap and Die | 1 |
| TFF | 112 | Print Reading | 3 |
| TFF | 114 | Introduction to CAD I | 3 |
| TFF | 115 | Hand and Power Tools for Aerospace Tooling | 1 |
| TFF | 117 | Precision Measuring | 2 |
| TFF | 118 | Welding Applications | 4 |
| TFF | 120 | Metrology | 4 |
| TFF | 125 | Tooling Capstone | 4 |
| TFF | 130 | Machining I | 3 |
| TFF | 135 | Direct & Alternating Current | 4 |
| TFF | 140 | Machining II | 3 |
| TFF | Experiential Learning Electives - 5 Credits | | 5 |
| AER | 106 | Aerospace Manufacturing Tooling Orientation | 1 |
| AER | 150 | Assembly Overview I | 3 |
| AVC | 103 | Geometric Dimensioning & Tolerancing | 1 |
| AVC | 104 | Quality Control Concepts | 1 |
| AVC | 107 | Fundamentals for Aerospace Manufacturing | 1 |
| AVC | 110 | Safety/OSHA 10 | 1 |
| AVC | 150 | Human Factors | 1 |
| AVC | 170 | Conflict Resolution | 1 |
| CAT | 101 | CATIA Part Design & Sketcher | 4 |
| ENG | 101 | Composition I | 3 |
| | | Communication Elective | 3 |
| | | Humanities Elective | 3 |
| | | Math Elective | 3 |
| | | Social Science Elective | 3 |

Experiential Learning Electives

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|-----|-----|--|
| TFF | 150 | Fixture Construction |
| TFF | 155 | Tooling and Fixture Fabrication Capstone |

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|-------|-------|
| Total | 67.00 |
|-------|-------|

LOCATION

National Center for Aviation Training
4004 N. Webb Road | Wichita, KS 67226
316.677.9400 Get maps at [WSUTECH.edu/Campuses](https://www.wsutech.edu/Campuses)

COSTS*

| | |
|---------------|-------------|
| PROGRAM TOTAL | \$16,161.00 |
|---------------|-------------|

*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

WSUTECH.edu/KBORplacement

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

*Some courses may have a prerequisite in addition to the classes listed above.
Please contact an Academic Advisor for details. Visit [WSUTECH.edu/Checklist](https://www.wsutech.edu/Checklist) for
program admission requirements.