



Transfer Degree Plan
Associate of Applied Science Computerized Machining Technology
(ASUB)



Bachelor of Applied Science (ATU)

ASU Beebe (60 credit hours)

| University Requirements (1 or 3 hours) | | | ATU equivalent | Hours |
|---|------|------------------------------------|---|--------------|
| UNIV | 1001 | Principles of Academic Success I | TECH 1001 Orientation to the University | 1 |
| UNIV | 1003 | Principles of Academic Success III | GENL General Elective Credit | 3 |

**the 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count towards electives.*

| General Education Core (12 hours) | | | ATU equivalent | Hours |
|--|------|------------------------------|---------------------------------|--------------|
| ENGL | 1003 | Freshman English I | ENGL 1013 Composition I | 3 |
| ENGL | 1013 | Freshman English II | ENGL 1023 Composition II | 3 |
| MATH | 1013 | Technical Mathematics* | NT XXXX Non-Transferable Course | 3 |
| PSY | 2013 | Introduction to Psychology** | PSY 2003 General Psychology | 3 |

**ASUB students should consider taking higher level MATH course to satisfy requirements at ATU.*

***Students transferring to ATU should take PSY 2013.*

| Computerized Machining Technology | | | ATU equivalent | Hours |
|--|------|-------------------------------------|------------------------------------|--------------|
| CMT | 1013 | CAD/CAM I | GENL 1XXX General Education Credit | 3 |
| CMT | 1103 | Prototyping I | GENL 1XXX General Education Credit | 3 |
| CMT | 1203 | Basic Machining | GENL 1XXX General Education Credit | 3 |
| CMT | 1023 | CAD/CAM II | GENL 1XXX General Education Credit | 3 |
| CMT | 2103 | Prototyping II | GENL 2XXX General Education Credit | 3 |
| CMT | 2703 | Advanced Machining | GENL 2XXX General Education Credit | 3 |
| CMT | 1303 | CNC I | GENL 1XXX General Education Credit | 3 |
| CMT | 1313 | CNC II | GENL 1XXX General Education Credit | 3 |
| CMT | 2113 | Industrial Environment | GENL 2XXX General Education Credit | 3 |
| CMT | 2123 | Concept to Production | GENL 2XXX General Education Credit | 3 |
| CMT | 2313 | CNC III | GENL 2XXX General Education Credit | 3 |
| CMT | 2022 | Metrology I | GENL 2XXX General Education Credit | 2 |
| CMT | 2013 | CAD/CAM III | GENL 2XXX General Education Credit | 3 |
| CMT | 2413 | Manufacturing Materials & Processes | GENL 2XXX General Education Credit | 3 |

Technical Related Electives (7 hours)

Choose 7 hours of technical electives in consultation with your advisor. Suggestions include courses from the following: CADD, CTE, Industrial Technology, Machining and Welding.

Arkansas Tech University Courses (62-65 credit hours)

Bachelor of Applied Sciences Required Courses

| | | | |
|-------|------|--|-----|
| | | SCIL 1XXX Lab Science Electives | 8 |
| | | SS 1XXX Social Science Elective | 3 |
| | | Fine Arts and Humanities Electives | 6 |
| | | USHG 1XXX U.S. History and Government | 3 |
| | | MATH 1XXX Mathematics | 0-3 |
| PSY | 3093 | Industrial and Organizational Psychology | 3 |
| OL/PS | 3133 | Principles of Personnel Management | 3 |
| OL/PS | 3023 | Professional Communication | 3 |
| OL/PS | 4043 | Ethical Leadership | 3 |
| OL/PS | 4443 | Professional Leadership | 3 |
| OL/PS | 4543 | Workplace Supervision | 3 |
| OL/PS | 4643 | Occupational Globalization and Diversity <i>or</i> | 3 |
| OL/PS | 4743 | Organizational Change | |
| OL/PS | 4963 | Organizational Leadership Capstone ⁴ | 3 |
| BAS | 4253 | Quality Control and Continuous Improvement | 3 |
| BAS | 4353 | Project Management | 3 |
| BAS | 4363 | Project Risk Analysis and Mitigation | 3 |
| BAS | 4373 | Leading Agile Projects | 3 |
| BAS | 4453 | Problem Solving and Root Cause Analysis | 3 |
| BAS | 4553 | Workplace Health and Safety | 3 |

³waive TECH 1001 for ASUB transfer students

⁴must earn a grade of C or better