



# OZARKS TECHNICAL COMMUNITY COLLEGE

## MACHINE TOOL TECHNOLOGY

Associate of Applied Science Degree: 66 Hours

### Preferred Course Sequence

| Semester I   | Cr        | Semester II   | Cr                | Semester III  | Cr        | Semester IV   | Cr                |
|--|-----------|---|-------------------|---|-----------|---|-------------------|
| <b>MTT 125</b><br>Machine Shop I   | 4         | <b>MTT 145</b><br>Computer Aided<br>Manufacturing I   | 4                 | <b>MTT 225</b><br>Machine Shop II   | 4         | <b>MTT 245</b><br>Computer Aided<br>Manufacturing II  | 4                 |
| <b>MTT 135</b><br>Computer<br>Numerical Control I  | 4         | <b>MTT 155</b><br>Machine Tool<br>Processes I   | 4                 | <b>MTT 235</b><br>Computer<br>Numerical<br>Control II   | 4         | <b>MTT 255</b><br>Machine Tool<br>Processes II  | 4                 |
| <b>IST 120</b><br>Industrial Safety  | 3         | <b>COM 105*</b><br>Public Speaking<br><br>(see page 2 for complete list<br>of allowable substitutions)  | 3                 | <b>TES 140*</b><br>Applied Technical<br>Physics (or<br>Science Elective)<br><br>(See course description<br>section of catalog for<br>details) | 4         | <b>MTT 290</b><br>Co-Operative/<br>Intern/Related<br>Elective   | 1-3               |
| <b>ENG 101*</b><br>Composition I<br><br>(see page 2 for complete list<br>of allowable substitutions) | 3         | <b>TEC 108 *</b><br>Applied Technical<br>Mathematics<br>or<br>MTH 110 or higher<br><br>(see page 2 for complete list of<br>allowable substitutions) | 3                 | <b>PLS 101*</b><br>American<br>Government and<br>Politics<br><br>(see page 2 for complete<br>list of allowable<br>substitutions)              | 3         | <b>Related Elective</b><br><br>(See course description section<br>of catalog for details)             | 3-4               |
| <b>DDT 110</b><br>Mechanical<br>Dimensioning and<br>Tolerancing                                      | 4         | <b>Related Elective</b><br><br>(See course description section<br>of catalog for details)   | 3-4               | <b>TEC 285</b><br>Occupational<br>Seminar   | 1         | <b>Social Science<br/>Elective*</b><br><br>(See course description section<br>of catalog for details) | 3                 |
| <b>Total Credits</b>   | <b>18</b> | <b>Total Credits</b>  | <b>17-<br/>18</b> | <b>Total Credits</b>  | <b>16</b> | <b>Total Credits</b>  | <b>15-<br/>18</b> |



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## Allowable Substitutions

| *COM 105 Substitutions |
|------------------------|
| COM 100                |
| COM 200                |
|                        |

| *ENG 101 Substitutions |
|------------------------|
| ENG 100                |
| ENG 102                |
| ENG 150                |

| *PLS 101 Substitutions |
|------------------------|
| HST 120                |
| HST 130                |

| *Science Electives |                   |
|--------------------|-------------------|
| BCS 115            | BIO 160           |
| BCS 132            | CHM 101           |
| BCS 210            | PHY 110           |
| BCS 165            | PHY 115           |
| BIO 100            | PHY 120           |
| BIO 105            | PHY 220           |
| BIO 135            | CHM 160 & CHM 161 |
| BIO 142            |                   |

| *Social Science Electives |         |
|---------------------------|---------|
| ANT 101                   | HST 120 |
| ANT 220                   | HST 130 |
| ECO 270                   | PLS 101 |
| ECO 275                   | PLS 201 |
| GRY 101                   | PSY 110 |
| HST 105                   | PSY 130 |
| HST 106                   | SOC 101 |

| *TEC 108 or MTH 110 Substitutions |         |
|-----------------------------------|---------|
| MTH 128                           | MTH 141 |
| MTH 128S                          | MTH 210 |
| MTH 130                           | MTH 215 |
| MTH 130S                          | MTH 230 |
| MTH 131                           | MTH 240 |
| MTH 138                           | MTH 241 |
| MTH 140                           |         |

*The Missouri Department of Higher Education has identified a common set of general education courses that have been adopted statewide. These courses are called the "CORE 42". CORE 42 courses are guaranteed to transfer to any Missouri public or university to satisfy general education requirements.*