



# OZARKS TECHNICAL COMMUNITY COLLEGE

## MANUFACTURING TECHNOLOGY

Associate of Applied Science Degree: 64-69 Hours

### Preferred Course Sequence

Semester I	Cr	Semester II	Cr	Semester III	Cr	Semester IV	Cr
<b>IST 120</b> Industrial Safety	3	<b>BUS 110</b> Principles of Business	3	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>MFG 275</b> Manufacturing Capstone	3-4
<b>ENG 101*</b> Composition I  (see page 2 for complete list of allowable substitutions)	3	<b>COM 105*</b> Public Speaking or Communication Elective  (see page 2 for complete list of allowable substitutions)	3	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>MFG 290</b> Co-Operative/ Intern/Related Elective	1-3
<b>TEC 108 *</b> Applied Technical Mathematics or <b>MTH 110 or higher</b> (see page 2 for complete list of allowable substitutions)	3	<b>TES 140*</b> Technical Physics or Science Elective  (See page 2 for complete list of allowable electives and course description section of catalog for details)	4	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>Social Science Elective*</b>  (See page 2 for complete list of allowable electives and course description section of catalog for details)	3
<b>Related Elective</b>  (See course description section of catalog for details)	3-4	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>PLS 101*</b> American Government and Politics  (see page 2 for complete list of allowable substitutions)	3	<b>Related Elective</b>  (See course description section of catalog for details)	3-4
<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>TEC 285</b> Occupational Seminar	1	<b>Related Elective</b>  (See course description section of catalog for details)	4
<b>Total Credits</b>	<b>16-17</b>	<b>Total Credits</b>	<b>18</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>14-18</b>



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## Allowable Substitutions

*COM 105 Substitutions
COM 100
COM 150
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 130
ANT 220	PLS 101
ECO 270	PLS 201
CRM 210	PSY 110
ECO 275	PSY 130
GRY 101	HST 130
HST 105	SOC 101
HST 106	SOC 210
HST 120	

*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.*