



# OZARKS TECHNICAL COMMUNITY COLLEGE

## INDUSTRIAL SYSTEMS TECHNOLOGY

### Associate of Applied Science Degree: 64 Hours

### Preferred Course Sequence

Semester I	Cr	Semester II	Cr	Semester III	Cr	Semester IV	Cr
<b>IST 120</b> Industrial Safety	3	<b>IST 140</b> Industrial Electricity II	4	<b>IST 200</b> Mechanical Power Transmission	4	<b>IST 260</b> Industrial Systems Maintenance	4
<b>IST 125</b> Fluid Power	4	<b>IST 170</b> Industrial Motors and Controls	4	<b>Related Elective</b>  (See course description section of catalog for details)	4	<b>IST 290</b> Co-Operative Ed/Intern/Related Elective	1-3
<b>IST 130</b> Industrial Electricity I	4	<b>IST 225</b> Programmable Control	4	<b>IST 246</b> Advanced Programmable Control	4	<b>Program/Related Elective</b>  (See course description section of catalog for details)	4
<b>ENG 101 *</b> Composition I  (see page 2 for complete list of allowable substitutions)	3	<b>COM 105 *</b> Public Speaking  (see page 2 for complete list of allowable substitutions)	3	<b>PLS 101*</b> American Government & Politics  (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>TEC 108 *</b> Applied Technical Mathematics or MTH 110 or higher (see page 2 for complete list of allowable substitutions)	3	<b>Social Science Elective*</b>  (See course description section of catalog for details)	3	<b>TEC 285</b> Occupational Seminar	1		
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>18</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>13- 15</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.***