



# OZARKS TECHNICAL COMMUNITY COLLEGE

## COMPUTER SCIENCE

Associate of Science Degree: 62 Hours

### Preferred Course Sequence

*Starting in Fall*

Semester I	Cr	Semester II	Cr	Semester III	Cr	Semester IV	Cr
<b>CIS 120</b> Intro to Computer Programming	3	<b>CIS 150</b> C# Programming I	3	<b>CIS 151</b> C# Programming II	3	<b>MTH 141</b> Analytical Geometry and Calculus II	5
<b>CIS 101</b> Technology and Digital Literacy  (see page 2 for complete list of allowable substitutions)	3	<b>PHY 220</b> Physics for Engineers and Scientist I	5	<b>CSC 210</b> Data Structures	4	<b>CIS 260</b> Software Engineering Project	3
<b>MTH 140</b> Analytic Geometry and Calculus I	5	<b>COM 105*</b> Public Speaking or Communication Elective  (see page 2 for complete list of allowable substitutions)	3	<b>CIS 250</b> Database and Query	3	<b>ENG 101*</b> Composition I  (see page 2 for complete list of allowable substitutions)	3
<b>Science Elective*</b>  (See page 2 for complete list of allowable electives and course description section of catalog for details)	4	<b>CIS 130</b> Web Site Development I	3	<b>CIS 131</b> Website Development II	3	<b>Related Elective</b>  (See course description section of catalog for details-CIS, CSC, NET)	3
		<b>Related Elective</b>  (See course description section of catalog for details-CIS, CSC, NET)	3	<b>PLS 101*</b> American Government and Politics  (see page 2 for complete list of allowable substitutions)	3		
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>14</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.*