



# OZARKS TECHNICAL COMMUNITY COLLEGE

## COMPUTER SCIENCE

Associate of Science Degree: 62 Hours

### Preferred Course Sequence

*Starting in Spring*

Semester I	Cr	Semester II	Cr	Semester III	Cr	Semester IV	Cr	Semester V	Cr
<b>CIS 120</b> Intro to Computer Programming	3	<b>CIS 170</b> Java Programming I	3	<b>CIS 171</b> Java Programming II	3	<b>MTH 141</b> Analytic Geometry and Calculus II	5	<b>CIS 260</b> Software Engineering Project	3
<b>ENG 101*</b> Composition I  (see page 2 for complete list of allowable substitutions)	3	<b>PHY 220</b> Physics for Engineers and Scientist I	5	<b>CIS 130</b> Web Site Development I	3	<b>CSC 210</b> Data Structures	4	<b>Related Elective</b>  (see course description section of catalog for details-CIS, CSC, NET)	3
<b>MTH 140</b> Analytic Geometry and Calculus I	5	<b>COM 105*</b> Public Speaking  (see page 2 for complete list of allowable substitutions)	3	<b>PLS 101*</b> American Government and Politics  (see page 2 for complete list of allowable substitutions)	3	<b>CIS 250</b> Database and Query	3		
<b>CIS 101</b> Technology and Digital Literacy	3	<b>Related Elective</b>  (see course description section of catalog for details-CIS, CSC, NET)	3	<b>Science Elective*</b>  (See page 2 for complete list of allowable electives and course description section of catalog for details)	3	<b>CIS 131</b> Web Site Development II	3		
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>14</b>	<b>Total Credits</b>	<b>12</b>	<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>6</b>



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## Allowable Substitutions

<b>*COM 105 Substitutions</b>	
COM 100	
COM 200	

<b>*ENG 101 Substitutions</b>	
ENG 100	
ENG 102	
ENG 150	

<b>*PLS 101 Substitutions</b>	
HST 120	
HST 130	

<b>*Science Electives</b>	
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	

<b>*Social Science Electives</b>	
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

<b>*TEC 108 or MTH 110 Substitutions</b>	
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.*