



Johnson County Community College  
 Transfer Program to University of Central Missouri  
 School of Technology  
**Networking Technology, B.S.**  
**2018-2019 Catalog**

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<https://www.ucmo.edu/academics/programs/majors/networking-technology-bs-43-893/index.php>

The UCM Bachelor of Science in Networking Technology is 120 credit hours total.

Students may be able to complete additional courses at JCCC and transfer to UCM. Please consult with your advisor and refer to UCM General Education Requirements at <http://www.jccc.edu/student-resources/counseling/transfer/files/transfer-guides/ucmo-general-ed.pdf>

Please note the following UCM General Education classes are required for the UCM Networking Technology Bachelor of Science:

UCM Course	Hours	JCCC Equivalent	Hours	Included in JCCC AAS program
CIS 1600 Business Information Management	3	CPCA 128 PC Applications: MS Office	3	Not in AAS
COMM 1000 Public Speaking	3	SPD 121 Public Speaking	3	4 <sup>th</sup> semester
CS 1000 Computers and Modern Society	3	No equivalent at JCCC		Not in AAS
CS 1030 Introduction to Computer Programming	3	CS 134 Programming Fundamentals	4	4 <sup>th</sup> semester
CTE 3060 Technical Writing	3	ENGL 123 Technical Writing I*	3	2 <sup>nd</sup> Semester
ENGL 1020 Composition I	3	ENGL 121 Composition I*	3	1 <sup>st</sup> Semester
MATH 1111 College Algebra	3	MATH 171 College Algebra*	3	2 <sup>nd</sup> Semester
PHYS 1104 Introduction to the Sciences: Physics	4	UCM prefers their Physics course – Take at UCM		Not in AAS

**Program of Study – JCCC Information Technology, Networking AAS**

**First Semester**

<b>UCM Course</b>	<b>Hours</b>	<b>JCCC Equivalents</b>	<b>Hours</b>
NET 1060 Introduction to Networks	3	IT 140 Networking Fundamentals	4
NET 1058 Computer Technologies	3	IT 205 Implementing Windows Client OR IT 120 CompTIA A+ Practical Apps	3
FREE ELECTIVE	3	IT 230 Linux Fundamentals	3
ENGL 1020 Composition I	3	ENGL 121 Composition I*	3
General Education	3	Social Science or Economics Elective (see page 3)	3
<b>Total Hours</b>	<b>15</b>		<b>16</b>

**Second Semester**

<b>UCM Course</b>	<b>Hours</b>	<b>JCCC Equivalents</b>	<b>Hours</b>
NET 1061 Routers and Switching Essentials	3	IT 145 Routing and Switching Essentials*	3
NET 4040 Fundamentals of Network Operating Systems	3	IT 221 Windows Server*	3
FREE ELECTIVE	3	IT 231 Linux Administration*	3
MATH 1111 College Algebra	3	MATH 171 College Algebra*	3
CTE 3060 Technical Writing	3	ENGL 123 Technical Writing I*	3
<b>Total Hours</b>	<b>15</b>		<b>15</b>

**Third Semester**

<b>UCM Course</b>	<b>Hours</b>	<b>JCCC Equivalents</b>	<b>Hours</b>
SOT 3022 Internship in Technology	3	IT 271 Information Technology Workshop*	3
NET 3068 Network Security I	4	IT 201 Network Security Fundamentals*	4
NET 2060 Scaling Networks	3	IT 209 Scaling Networks*	4
NET 4042 Network Servers and Services	3	IT 225 Windows Active Directory Services*	3
NET 4043 Network Services and Infrastructure	3	IT 245 Network Infrastructure*	3
<b>Total Hours</b>	<b>16</b>		<b>17</b>

**Fourth Semester**

<b>UCM Course</b>	<b>Hours</b>	<b>JCCC Equivalents</b>	<b>Hours</b>
CS 1030 Introduction to Computer Programming	3	CS 134 Programming Fundamentals	4
NET 3065 Converged Voice and Data Networks	3	IT 203 Voice Over IP Fundamentals*	4
NET 2061 Connecting Networks	3	IT 247 Accessing Wide Area Networks*	3
COMM 1000 Public Speaking	3	SPD 121 Public Speaking	3
General Education	3	Humanities Electives (see page 4)	3
<b>Total Hours</b>	<b>15</b>		<b>17</b>

**Social Science or Economics Electives that transfer and meet UCM Gen Ed Requirements**

<b>UCM Course</b>	<b>Hours</b>	<b>JCCC Equivalent</b>	<b>Hours</b>
<b>UCM Knowledge Area III</b>			
<b>Social/Behavioral Sciences</b>			
CFD 1010 Individual and Family Relationships	3	SOC 131 Sociology of Families	3
ECON 1010 Principles of Macroeconomics	3	ECON 230 Principles of Macroeconomics	3
ECON 1011 Principles of Microeconomics	3	ECON 231 Principles of Microeconomics	3
GNEC 1908 Survey of Economics	3	ECON 132 Survey of Economics	3
POLS 1500 Introduction to Politics	3	POLS 122 Political Science	3
POLS 1510 American Government	3	POLS 124 American National Government	3
POLS 2511 State Government	3	POLS 126 State and Local Government	3
POLS 2530 World Politics	3	POLS 135 International Relations	
PSY 1100 General Psychology	3	PSYC 130 Introduction to Psychology	3
PSY 1320 Psychology of Personal Adjustment	3	PSYC 121 Applied Psychology	3
SOC 1800 General Sociology	3	SOC 122 Introduction to Sociology	3
SOC 1830 Social Problems	3	SOC 125 Social Problems	3

## Humanities Electives that transfer and meet UCM Gen Ed Requirements

UCM Course	Hours	JCCC Equivalent	Hours
<b>UCM Knowledge Area I</b>			
<b>Literature</b>			
GNED 1909 Introduction to Literature	3	ENGL 130 Introduction to Literature*	3
GNED 1909 Introduction to Poetry	3	ENGL 227 Introduction to Poetry*	3
GNED 1909 Introduction to Fiction	3	ENGL 230 Introduction to Fiction*	3
ENGL 2200 American Literature to 1865	3	ENGL 246 American Literature I*	3
ENGL 2205 American Literature 1865 to Present	3	ENGL 247 American Literature II*	3
ENGL 2220 World Masterpieces	3	ENGL 250 World Masterpieces*	3
<b>Fine Arts</b>			
ART 1800 Ideas and the Visual Arts	3	ARTH 180 Art History Ancient to Renaissance OR ARTH 182 Art History Renaissance to Modern	3
MUS 1210 Experiencing Music	3	MUS 121 Introduction to Music Listening	3
MUS 1220 The Evolution of a Popular Art: Introduction to Rock Music	3	MUS 128 History of Rock and Roll Music	3
MUS 1281 History and Development of Jazz	3	MUS 125 Introduction to Jazz Listening	3
THEA 2400 Discovering Theatre	3	THEA 120 Introduction to Theater	3
<b>Languages and Humanities</b>			
<b>Languages</b>			
SPAN 2601 Intermediate Spanish I	3	FL 230 Intermediate Spanish I*	3
SPAN 2602 Intermediate Spanish II	3	FL 231 Intermediate Spanish II*	3
<b>Humanities</b>			
COMM 1200 Introduction to Mass Communication	3	JOUR 120 Mass Media and Society	3
GNED 1911 Introduction to Humanities	3	HUM 122 Introduction to Humanities	3
PHIL 1000 Introduction to Philosophy	3	PHIL 121 Introduction to Philosophy	3
PHIL 1410 Critical Thinking	3	PHIL 124 Logic and Critical Thinking	3
<b>UCM Knowledge Area III</b>			
HIST 1350 History of the U.S. to 1877	3	HIST 140 U.S. History to 1877	3
HIST 1351 History of the U.S. from 1877	3	HIST 141 U.S. History since 1877	3
HIST 1400 History of the Early World	3	HIST 125 Western Civilization: Ancient World to the Renaissance OR HIST 151 World History I: Traditional World	3
HIST 1402 History of the Modern World	3	HIST 126 Western Civilization: Scientific Revolution to the Modern Age OR HIST 152 World History II: Modern World	3

\* JCCC course has a prerequisite or corequisite.