



Johnson County Community College  
Transfer Program to University of Central Missouri  
School of Technology  
**Information Technology, B.S.**  
**2022-2023 Catalog**

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<https://www.ucmo.edu/academics/programs/majors/information-technology/index.php>

This transfer guide outlines the degree requirements for the Information Technology – Networking, AAS at JCCC and transfer course equivalents at UCM for the Information Technology, BS.

- The JCCC Associate of Applied Science in Information Technology – Networking is 63 credit hours total.
- The UCM Bachelor of Science in Information 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 <https://www.jccc.edu/student-resources/transfer/files/transfer-guides/ucmo-general-ed.pdf>

**It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.**

First Semester at JCCC			
UCM Course	Hrs	JCCC Equivalents	Hrs
ENGL 1020 Composition I GE	3	ENGL 121 Composition I*	3
NET 1058 A+ IT Essentials: PC Hardware and Software	3	IT 120 CompTIA A+ Practical Apps	3
NET 1060 Introduction to Networks	3	IT 141 Introduction to Networks	3
NET 3088 Linux Operating Systems	4	IT 230 Linux Fundamentals	3
MATH 1111 College Algebra GE	3	Math Elective – MATH 171 College Algebra* ( <i>recommended</i> )	3
<b>Total Hours</b>	<b>16</b>		<b>15</b>

Second Semester at JCCC			
UCM Course	Hrs	JCCC Equivalents	Hrs
NET 1061 Switching, Routing, and Wireless Essentials	3	IT 150 Switching, Routing, and Wireless Essentials*	3
No equivalent	--	IT 155 Microsoft Administration Fundamentals*	3
CYBR 1800 Introduction to Cybersecurity GE	3	IT 175 Cybersecurity Fundamentals*	3
CYBR 1500 Command Line Environments	3	No equivalent	--
Social Science and/or Economics Elective (see page 4)	3	Social Science and/or Economics Elective (see page 4)	3
<b>Total Hours</b>	<b>12</b>		<b>15</b>

Third Semester at JCCC			
UCM Course	Hrs	JCCC Equivalents	Hrs
Technical Electives (see page 4)	2	Technical Elective (see page 4)	3
CS 1030 Introduction to Computer Programming GE	3	IT 202 IT Scripting*	3
NET 2060 Enterprise Networking, Security, and Automation	3	IT 204 Enterprise Networking, Security and Automation*	3
CS 4610 Introduction to Cloud Computing	3	IT 223 Azure Administration*	3
No equivalent	--	IT 224 Modern Desktop Administrator*	3
<b>Total Hours</b>	<b>8</b>		<b>15</b>

Fourth Semester at JCCC			
UCM Course	Hrs	JCCC Equivalents	Hrs
Technical Electives (see page 4)	9	Technical Electives (see page 4)	9
NET 2061 Cisco CyberOps Associate	3	IT 257 Cybersecurity Operations*	3
COMM 1000 Public Speaking GE	3	Communication Elective – COMS 121 Public Speaking <b>OR</b> COMS 125 Personal Communication	3
General Education (see page 3)	3	Humanities Electives (see page 3)	3
<b>Total Hours</b>	<b>18</b>		<b>18</b>

-Humanities Electives that transfer and meet UCM Gen Ed Requirements, click [here](#).

-Social Science or Economics Electives that transfer and meet UCM Gen Ed Requirements, click [here](#).

JCCC Technical Electives			
UCM Course	Hrs	JCCC Equivalent	Hrs
CS 1030 Introduction to Computer Programming	3	CIS 142 Beginning Programming using Python	4
No equivalent	--	CPCA 121 Intro to Project Management*	1
No equivalent	--	ELEC 186 CompTIA A+ Essentials	3
NET 3068 Network Security I	3	IT 206 Network Security Fundamentals*	3
CYBR 4850 Computer and Network Forensics	3	IT 238 Digital Forensics*	3
CYBR 4840 Ethical Hacking	3	IT 239 Ethical Hacking*	3
CS 4020 Internship	3	IT 271 Information Technology Internship I*	3
CS 4020 Internship	3	IT 272 Information Technology Internship II*	3
No equivalent	--	IT 292 Special Topics*	1

\* JCCC course has a prerequisite or corequisite.