Johnson County Community College
Academic Program Map for Transfer to
University of Central Missouri
School of Technology
Information Technology, B.S.
2023-2024 Catalog

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

This academic program map for transfer 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

Courses taken at two-year colleges are not applicable toward UCM Upper-Level Requirement.
Students are advised to meet with a UCM advisor before taking additional hours at JCCC.

**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+ Core 2	3
NET 1060 Introduction to Networks	3	IT 141 Introduction to Networks	3
NET 3088 Linux Operating Systems	4	IT 230 Linux Fundamentals	3
ACST 1300 Basic Statistics GE	3	Math Elective – MATH 181 Statistics* *(recommended)*	3
Total Hours	**16**		**15**

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	3	IT 175 Cybersecurity Fundamentals*	3
CYBR 1500 Command Line Environments	3	No equivalent	--
Social Science and/or Economics Elective	3	Social Science and/or Economics Elective	3
Total Hours	**12**		**15**

Third Semester at JCCC			
UCM Course	**Hrs**	**JCCC Equivalents**	**Hrs**
Technical Electives (see below)	2	Technical Elective (see below)	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
Total Hours	**8**		**15**

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

-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 Python Programming I	3	CIS 142 Beginning Programming using Python	4
No equivalent	--	CSS 121 Introduction to Project Management*	1
No equivalent	--	ELEC 186 CompTIA A+ Core 1	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.