

Information Technology

University of Central Missouri

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| Johnson County Community College Transfer Program to the University Central Missouri | Shawn Bentley, Program Coordinator |
| School of Technology | 660-543-8734 |
| Information Technology, B.S. | bentley@ucmo.edu |
| Academic Year 2024-2025 | https://www.ucmo.edu/academics/programs/majors/informationtechnology/index.php |

Program Description

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> (<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fnextcatalog.jccc.edu%2Ftransfer-guides%2Fcentral-missouri%2Fcentral-missouri-general-education%2F&data=05%7C02%7Cskhalif2%40jccc.edu%7C3bbbe8fc84564328cf7008de1320415e%7C15244239dcf245e7aefd127b69fc5438%7C1%7C0%7C638969226426500133%7CUnknown%7CTWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUslIYiOilwLjAuMDAwMCIsIIAiOjXaW4zMlIsIkFOljoiTWFpbClslldUljoyfQ%3D%3D%7C0%7C%7C&sdata=2fEwF%2FitGtEBAX4dsIJ2vihW0Lf5GJaDs7z4GtDDwc8%3D&reserved=0>)

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.

Program Requirements

| Course Code | Course Title | Course Hours | Transfer Code | Transfer Title | Transfer Hours |
|--------------------------------|--|--------------|---|--------------------------------|----------------|
| Code | Title | Hours | | | |
| First Semester at JCCC | | | | | |
| ENGL 121 | Composition I* | 3 | ENGL 1020 | Composition I | 3 |
| IT 120 | CompTIA A+ Core 2 | 3 | NET 1058 A+ IT Essentials: PC Hardware and Software | | |
| IT 141 | Introduction to Networks | 3 | NET 1060 | Introduction to Networks | 3 |
| Second Semester at JCCC | | | | | |
| IT 150 | Switching, Routing, and Wireless Essentials* | 3 | NET 1061 | Switching/Routing/Wireless Ess | 3 |
| IT 155 | Microsoft Administration Fundamentals* | 3 | No equivalent | | |
| IT 175 | Cybersecurity Fundamentals* | 3 | CYBR 1800 Introduction to Cybersecurity | | |

CYBR 1500 Command Line Environments^{No}
equivalent

Social Science Elective^{Social and Behavioral Science}
Elective

Third Semester at JCCC

Program Electives (see below)

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|--------|---|---|---|--------------------------------|---|
| IT 202 | IT Scripting* | 3 | CS 1030 Python Programming I | | |
| IT 204 | Enterprise Networking, Security and Automation* | 3 | NET 2060 | Networking/Security/Automation | 3 |
| IT 223 | Azure Administration* | 3 | CS 4610 Introduction to Cloud Computing | | |
| IT 224 | Microsoft 365 Administration* | 3 | No equivalent | | |

Fourth Semester at JCCC

Program Electives (see below)

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|--------|---------------------------|---|-----------------------------------|--|--|
| IT 257 | Cybersecurity Operations* | 3 | NET 2061 Cisco CyberOps Associate | | |
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Select one of the following: ^{Communication}
Elective

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|----------|------------------------|---|------------------------------|-----------------|---|
| COMS 121 | Public Speaking | 3 | COMM 1000 | Public Speaking | 3 |
| COMS 125 | Personal Communication | 3 | COMM 1000 Public Speaking GE | | |

-Humanities Electives that transfer and meet UCM Gen Ed Requirements, click here (<https://www.jccc.edu/student-resources/transfer/files/transfer-guides/ucmo-general-ed.pdf>).

-Social and Behavioral Science Electives that transfer and meet UCM Gen Ed Requirements, click.

JCCC Program Electives

| Course Code | Course Title | Course Hours | Transfer Code | Transfer Title | Transfer Hours |
|----------------------------|---------------------------------------|--------------|--|----------------|----------------|
| CSS 121 | Introduction to Project Management* | 1 | CS 1030 Python Programming I | | |
| ELEC 186 CompTIA A+ Core 1 | ^{No equivalent} | | | | |
| IT 206 | Network Security Fundamentals* | 3 | NET 3068 Network Security I 3 | | |
| IT 238 | Digital Forensics* | 3 | CYBR 4850 Computer and Network Forensics | | |
| IT 239 | Ethical Hacking* | 3 | CYBR 4840 Ethical Hacking | | |
| IT 271 | Information Technology Internship I* | 3 | CS 4020 Internship | | |
| IT 272 | Information Technology Internship II* | 3 | CS 4020 Internship | | |
| IT 292 | Special Topics:* | 1-3 | No equivalent | | |

* JCCC course has a prerequisite or corequisite.