Minor in Information Technology (396501) MAP Sheet
Engineering, Electrical and Computer Engineering
For students entering the degree program during the 2022-2023 curricular year.

University Core and Graduation Requirements
University Core Requirements:
Requirements#ClassesHoursClasses
Religion Cornerstones
Teachings and Doctrine of The Book of Mormon12.0REL A 275
Jesus Christ and the Everlasting Gospel12.0REL A 250
Foundations of the Restoration12.0REL C 225
The Eternal Family12.0REL C 200
The Individual and Society
American Heritage1-23.0from approved list
Global and Cultural Awareness13.0from approved list
Skills
First Year Writing13.0from approved list
Advanced Written and Oral Communications13.0from approved list
Quantitative Reasoning13.0-4.0from approved list
Languages of Learning (Math or Language)Variable3.0-20.0from approved list
Arts, Letters, and Sciences
Civilization 113.0from approved list
Civilization 213.0from approved list
Arts13.0from approved list
Letters13.0from approved list
Biological Science13.0-4.0from approved list
Physical Science13.0from approved list
Social Science13.0from approved list
Core Enrichment: Electives
Religion Electives3-46.0from approved list
Open ElectivesVariableVariablepersonal choice
Graduation Requirements:
Minimum residence hours required30.0
Minimum hours needed to graduate120.0
Suggested Sequence of Courses
Freshman Year
1st Semester
IT 1013.0
Total Hours3.0
2nd Semester
CS 1423.0
Total Hours3.0
Sophomore Year
3rd Semester
IT 210A2.0
IT 210B2.0
Total Hours4.0
Minor in Information Technology (396501)2022-2023 Program Requirements (16 Credit Hours)
requirement 1 Complete 3 courses
IT&C 101 - Cornerstone: Information Technology & Cybersecurity 3.0
IT&C 210A - Fundamentals of Web-Based Information Technology 2.0
IT&C 210B - Fundamentals of Web-Based Information Technology 2.0

requirement 2 Complete 9.0 hours from the following course(s)
Complete three courses from the following to complete the 16 hours required for the minor.
IT&C 252 - Computer Architecture and Organization 3.0
IT&C 255 - User Experience Design 3.0
IT&C 327 - Digital Communications 4.0
IT&C 344 - Operating Systems 3.0
IT&C 347 - Computer Networks 3.0
IT&C 350 - Database Principles and Applications 3.0
IT&C 366 - Information Assurance and Security 3.0
IT&C 410 - Advanced Web Technologies 3.0
IT&C 441 - Embedded Computer Systems 3.0
IT&C 450 - Database Administration 3.0
IT&C 492R - Special Problems in Information Technology & Cybersecurity 3.0
IT&C 515R - Special Topics in Information Technology & Cybersecurity 3.0
IT&C 529 - Advanced Networking 3.0
IT&C 544 - System Administration 3.0
IT&C 548 - Cyber-Physical Systems 3.0
IT&C 555 - Advanced Human-Computer Interaction 3.0
IT&C 566 - Digital Forensics 3.0
IT&C 567 - Cybersecurity and Penetration Testing 3.0

Note: Some of the above courses also have prerequisites, which the student must either take or satisfy in another manner. The main prerequisite is experience using a programming language, preferably C, C++, or Java (see CS 142).

MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

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