

The Computer Information Technology – System Administration & Security degree is designed for students who want to work in the business world and give technical assistance to business' or organizations' computer systems and users. The CIT-SAS curriculum provides students with a broad understanding of core business functions, development of problem solving skills, computer support specialist skills, help-desk support skills, network and computer systems administration skills, and computer security skills to prepare for immediate employment in information technology systems administrations & security and advancement into management positions. Graduates of the CIT program are prepared for positions as LAN support, system administrators, network administrators, security administrators, or microcomputer specialists in business and industry. This degree features preparation for several industry standard certifications such as: CompTIA's A+, Network+, Linux+, & Security+ certifications, and Microsoft's MCITP: Server Administration certification. Students must pass the CompTIA's A+ certification, and two additional approved industry certifications such as (Microsoft's MCTS exams, Network+, Linux+, Security+, Cloud+, CNA OR CCNA) to graduate from the CIT program. Additional certifications are encouraged.

Course Requirements

Bay College				Ferris State University		
Course	Ferris Equiv.	Bay College Course Titles	Cr. Hrs.	Course	Ferris Course Titles	Cr. Hrs.
COMM 104	COMM 121	Public Speaking	4	ENGL 325	Advanced Business Writing	
ENGL 101	ENGL 150	Rhetoric & Composition	4	Or		3
ENGL 102	ENGL 250	Research Writing	2	ENGL 311	Advanced Technical Writing	
Bay College	Varies	FSU General Education - Lab Natural Sciences Course	4	BUSN 499	Integrating Experience	3
Bay College	Varies	FSU General Education - Natural Sciences	3	FINC 322	Financial Management I	3
MATH 105	MATH 115	Intermediate Algebra	4	MGMT 370	Quality – Operations Management	3
Bay College	Varies	FSU General Education – Culture Compency (Two different disciplines and 3+ credits at 200+ level)	9	ISYS 110	Fundamentals of Computer Information Systems	3
Bay College	Varies	FSU General Education - Self and Society Elective (Not ECON)	3	CITS 160	A+ Certification 2 or Proof of passing CompTIA A+ certification	3
ECON 131	ECON 221	Macroeconomics	4	CITS 250	Windows Client Administration	3
ECON 132	ECON 222	Microeconomics	4	CITS 360	Windows Server 3	3
ACCT 101	ACCT 201	Accounting Principles 1	4	CITS 370	Virtual Systems Administration	3
ACCT 102 or ACCT 215	ACCT 202	Accounting Principles 2 Cost Accounting	4	CITS 480	Senior Project and Capstone	3
BUSN 251	BLAW 321	Business Law 2	3	CITS 491	*Internship	3
BUSN 242	MGMT 301	Principles of Management	4	PROJ 320	Project Management	3
BUSN 253	MKTG 321	Marketing	4	Total Ferris Credits		36
MATH 210	STQM 260	Introduction to Statistics	4	Credits Required for Degree		130
CNSS 150	CITS 150	A plus Comuter Maintenance	4			
CNSS 250	CITS 255	Windows Networking I	4			
CNSS 251	CITS 260	Windows Networking II	4			
CNSS 130	CITS 270	Introduction to Networks	4			
CNSS 230	CITS 280	Introduction to Unix Using Linux	4			
CNSS 260	CITS 320	Network Security	4			
Bay College	VARIABLES	*** Directive Electives (See FSU Advisor)	6			
Total Bay College Credits			94			

FSU General Education Requirements can be found at:
<http://www.ferris.edu/HTMLS/academics/gened/index.htm>.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students are encouraged to work with their Ferris advisor for selection of any electives, to ensure transferability and to minimize credits taken.

Effective Fall 2017

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit ferris.edu/non-discrimination.

* CIT Internship not required with 1+ year work experience in field. Credits will be substituted with directive elective (See FSU faculty advisor)

** Approved Bay College Directive Electives: CIS103, CIS130, CIS135, CIS140, CIS203, CIS210, CIS215, CIS220, CIS235, CIS240, CNSS110, CNSS115, CNSS220, CNSS225, CNSS231, CNSS254, CNSS262 (Note: This is only pre-approved Directive Electives, see your FSU faculty advisor to determine additional options.)

Program Offered at:
Main Campus, Big Rapids
 College of Business

<http://www.ferris.edu/HTMLS/colleges/>
 231-591-2420 or COB@ferris.edu

www.ferris.edu/transfer

General Admission**New Students SAT Scores**

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
 1. SAT ERW score of 450 or higher.
 2. SAT Math score of 500 or higher. Placement in MATH 109/110 will be considered (SAT MATH score of 480 or higher).
 3. SAT Composite of 900 or higher.

New Students ACT Scores

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
 1. ACT English score of 16 or higher.
 2. ACT Math score of 19 or higher.
 3. ACT Reading score of 19 or higher

Transfer Students

- Combined college or university GPA of 2.5 (on a 4.0 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for FSU ENGL 150 or placement during the first semester at FSU which would require an ACT English score of 16 or higher; or SAT ERW score of 450 or higher; or Accuplacer English score of 6 or higher.
- Transfer equivalency for FSU MATH 114/115 or placement during the first semester at FSU which would require an ACT MATH score of 19 or higher; SAT MATH of 500 or higher; or Accuplacer Math scores: Elementary Algebra score 75 or higher and College Level Math 0-49.

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation

Online Learning

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The "Online Readiness Tutorial" is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

Reverse Transfer Agreement

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Disclaimer

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to the effective and/or revised date on the bottom of the guide.