

## West Shore Community College Transfer Guide

The Computer Information Technology – System Administration & Security program 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 you 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 MCTS' or MCITP certifications. 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

West Shore Community College				Ferris State University		
Course	Ferris Equiv.	WSCC Course Title	Cr. Hrs.	Course	Ferris Course Title	Cr. Hrs.
SPE 101	COMM 121	Public Speaking	3	ENGL 325 or	Advanced Writing for Business or	
ENG 111	ENGL 150	English Comp I	3	ENGL 311	Advanced Technical Writing	3
ENG 112	ENGL 250	English Comp II	3	BLAW 321	Contract & Sales	3
WSCC	VARIABLES	FSU General Education - Natural Sciences Elective with Lab	4	FINC 322	Financial Management I	3
WSCC	VARIABLES	FSU General Education - Natural Sciences Elective lab or non-lab	3	BUSN 499	Intergrating Experience	3
MTH 121	MATH 115	Intermediate Algebra	4	MGMT 370	Quality/Operations Management	3
WSCC	VARIABLES	Culture Competency (Minimum 9 credits from two different disciplines with one 200 level or higher.)	9	ISYS 321	Business Information Systems	3
ECO 137	ECON 221	Principles of Economics II	3	CITS 160	A+ Certification 2	3
ECO 136	ECON 222	Principles of Economics I	3	CITS 255	Windows Server 1	3
WSCC	VARIABLES	FSU General Education - Self and Society Elective (Not ECO)	3	CITS 260	Windows Server Infrastructure	3
ACC 121	ACCT 201	Principles of Accounting I	4	CITS 280	Linux Administration	3
ACC 122	ACCT 202	Principles of Accounting II	4	CITS 360	Windows Server Administration	3
MKT 241	MKTG 321	Principles of Marketing	3	CITS 370	Virtual System Administration	3
MGT 201	MGMT 301	Principles of Management	3	CITS 480	Senior Project and Capstone	3
MTH 123	STQM 260	Intro to Statistics	3	CITS 491*	Internship	3
CIS 130	ISYS 110	Programming Logic	3	PROJ 320	Project Management Fundamentals	3
CIT 160	CITS 150	Micro Computer Systems	3	<b>Total Ferris Credits</b>		<b>45</b>
CIT 115	CITS 250	Advanced Operating Systems	3	<b>Credits Required for Degree</b>		<b>125</b>
CIT 210	CITS 320	Advanced Server Concepts & Security	3			
CIT 245	CITS 270	Network Technologies	4			
Directive Electives	** (See FSU Advisor)		9			
<b>Total West Shore Community College Credits</b>			<b>80</b>			

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

\*\* Approved WSCC Directive Electives: CIT115, CIT180, CIT200, CIT220, CIT230, CIT299, CIS200, CIS202, CIS210, CIS211, CIS299 (Note: This is only pre-approved Directive Electives, see your FSU faculty advisor to determine additional options.)

### Graduation requirements:

Students are also required to Pass the CompTIA+ certification, plus two additional IT certifications approved by Ferris Faculty advisor prior to graduation.

**Program Offered at:**  
**Main Campus, Big Rapids**  
**College of Business**  
 Ferris State University  
 (231) 591-3648  
[www.ferris.edu/transfer](http://www.ferris.edu/transfer)

Please refer to FSU's General Education Requirements 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.

**West Shore Community College**  
**Transfer Guide****General Admission Criteria****Transfer Students**

- Combined college or university GPA of 2.5 (on a 4.0 scale) from all institutions attended. GPA is 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 score 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.