

Southwestern Michigan College (SMC)

Articulation Agreement and 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.

Communication Competency Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
COMM 121	Fundamentals of Public Speaking	3	SPEE 102	Fundamentals of Public Speaking	3
ENGL 150	English 1	3	ENGL 103	Freshman English II	3
ENGL 250	English 2	3	ENGL 104	Freshman English III	3
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	No Equivalent	No Equivalent	No Equivalent

Quantitative Literacy Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
MATH 114 or MATH 115	Quantitative Reasoning for Professionals or Intermediate Algebra	4 or 3	No Equivalent or MATH 102 or MATH 127	No Equivalent or Mathematical Literacy or College Algebra	No Equivalent or 4

Natural Sciences Competency Requirements – 1 course with lab

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	FSU General Education – Natural Sciences electives	7	Varies	Varies	7

Self and Society Competency Requirements – 1 Non-Economics Elective

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
ECON 201	Principles of Microeconomics	3	ECON 202	Micoeconomics	3
ECON 202	Principles of Macroeconomics	3	ECON 201	Macroeconomics	3
Varies	FSU General Education – Self and Society Elective	3	Varies	Varies	3

Culture Competency Requirements - Minimum 9 credits from two different disciplines with one course at 200+ level

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	FSU General Education – Culture Elective	9	Varies	Varies	9

Additional General Education Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	General Elective(s)	4	Varies	Varies	4

Refer to FSU's General Education Requirements at [Ferris State University General Education program](#).

Computer Information Technology degree students must complete **43** General Education credits to meet College of Business and University Requirements and are encouraged to work with an advisor to select appropriate general education courses.

Business Core Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
ACCT 201	Principles of Accounting 1	3	ACCO 201	Principles of Accounting I	4
ACCT 202	Principles of Accounting 2	3	ACCO 202	Principles of Accounting II	4
BLAW 321	Contracts & Sales	3	BUSI 207	Business Law I	3
BUSN 499	Interdisciplinary Integrating Exp.	3	No Equivalent	No Equivalent	No Equivalent
FINC 322	Financial Management 1	3	No Equivalent	No Equivalent	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent	No Equivalent	No Equivalent
MGMT 301	Applied Management	3	BUSI 201	Principles of Management	3
MGMT 370	Quality/Operations Management	3	No Equivalent	No Equivalent	No Equivalent
MKTG 321	Principles of Marketing	3	BUSI 220	Marketing	3
STQM 260	Introduction to Statistics	3	MATH 150	Statistics	3

Major Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
CITS 150	A+ Certification 1	3	ISYS 201	IT Support	3
CITS 160	A+ Certification 2	3	ISYS 207	Managing and Maintaining PC's	4
CITS 250	Windows Client Administration	3	ISYS 272	Configuring Windows Devices	3
CITS 255	Windows Server Active Directory	3	ISYS 283	Administering Windows Server	3
CITS 260	Windows Server Infrastructure	3	ISYS 284	Advanced Windows Server	3
CITS 270	Network+	3	ISYS 271	Networking Essentials	3
CITS 280	Linux+ Administration	3	ISYS 282	LINUX	3
CITS 320	Security+ Administration	3	ISYS 285	Network Security	3
CITS 360	Windows Server Administrator	3	No Equivalent	No Equivalent	No Equivalent
CITS 370	Virtual Systems Administration	3	No Equivalent	No Equivalent	No Equivalent
CITS 480	Security+ Administration	3	No Equivalent	No Equivalent	No Equivalent
CITS 491	*CIT Internship	3	No Equivalent	No Equivalent	No Equivalent
ISYS 110	Fundamentals of Programming Design and Logic	3	ISYS 115	Programming Logic and Design	3
PROJ 320	Project Management	3	No Equivalent	No Equivalent	No Equivalent

Directed Electives

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	Varies	6	Varies	Approved CC Directive Electives: ISYS 181, ISYS 182, ISYS 215, ISYS 225, ISYS 227, ISYS 229, ISYS 234, ISYS 241, ISYS 251, ISYS 255, ISYS 260, ISYS 275, ISYS 276, ISYS 288, ISYS 289, ISYS 290, ISYS 294, & ISYS 296	6
				(Note: This is only pre-approved Directive Electives, see your FSU faculty advisor to determine additional options.)	

Total Credits Required for Degree	121
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*CIT Internship not required with 1+ year work experience in field. Credits will be substituted with directive elective (See FSU advisor).

No more than 90 credit hours may be transferred from the community college to Ferris State University.

CIS / CIT credits that are not part of a completed degree, either transfer or Ferris, that are older than 10 years will not be counted toward the degree requirements for CIS/CIT program. Exceptions to this rule may be considered by petitioning the program coordinator.

Program Contact Information:**Main Campus, Big Rapids****College of Business**

(800) 433-7747 | (231) 591-2420 | [College of Business Email](#) | [College of Business Website](#)

Ferris Statewide, Dowagiac

(269) 782-1214 | (800) 456-8675, Ext. 1214 | [Ferris Statewide Email](#) | [Ferris Statewide Website](#)

[Transfer Partnerships Website](#)

Delivery Locations

This degree and the Ferris courses are offered at the following locations:

- Southwestern Michigan College, Dowagiac, MI
- Ferris State University, Main Campus, Big Rapids MI
- Select courses may be 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)

General Admission Criteria

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 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.

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 must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

Original Signed Articulation Agreement

The original, signed document is kept on file in the Office of Transfer and Secondary School Partnerships. To obtain a copy of the original, signed document, contact the Office of Transfer and Secondary School Partnerships at 231/591-5983 or email your request to transfercenter@ferris.edu.

This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Agreement delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

Indemnification

To the extent permitted by law, Ferris State University and the Community College agree to indemnify and hold one another harmless from any and all claims initiated by student participants, their parents, survivors, or agents, arising from any negligent acts or omission on the part of either institution or any of their employees.

Articulation Agreement

Effective Dates: February 1, 2019 – February 1, 2022

This Agreement shall commence as of February 1, 2019 and shall be for an initial term of three years. Minor updates to the agreement may be made during this time. This agreement may be renewed at the end of three years. Either party may terminate this agreement by providing the other party with written notice of the intent to terminate the agreement. The agreement shall terminate not less than one hundred eighty (180) days from the date of the termination notice, unless otherwise agreed in writing by both parties.

Signatures

Ferris State University
1201 S. State Street
Big Rapids, MI 49307
Phone: (231) 591-2000

Southwestern Michigan College
58900 Cherry Gove
Dowagiac, MI 49047
Phone: (269) 782-1000

February 1, 2019

David M. Nicol
Dean
College of Business

February 1, 2019

David Fleming
Vice President of Instruction

February 1, 2019

Lawrence Bajor
Chair
Accountancy, Finance & Information Systems Department

February 1, 2019

Stacy Young
Dean
School of Business