

## Northwestern Michigan College Transfer Guide & Articulation Agreement

Computer Information Technology – Systems 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 & users. Individual business departments, corporations, or multi-national enterprises need professionals who can relate their technical skills by problem-solving computer systems issues within the business environment. The CIT-SAS curriculum provides you with a broad understanding of core business functions, computer support specialists skills, help-desk support skills, network and computer systems administration skills, and computer security skills. This curriculum prepares you for industry certifications such as, CompTIA's A+, Network+, Linux+, & Security+ certifications, and Microsoft's MCITS : Server Administration certification. Entry-level positions include such jobs as: computer support specialists, help-desk technicians, network administrators, computer system administrators, and computer security specialists. **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

Northwestern Michigan College				Ferris State University		
Course	Ferris. Equiv.	NMC Course Title	Cr. Hrs.	Course	Ferris Course Title	Cr. Hrs.
COM 111	COMM 121	Public Speaking	4	ENGL 325	Advanced Writing for Business	
ENG 111	ENGL 150	College Composition I	4	Or		3
ENG 112	ENGL 250	College Composition II	4	ENGL 311	Advanced Technical Writing	
NMC	VARIES	FSU General Education – Natural Science elective w/Lab	4	FINC 322	Financial Management 1	3
NMC	VARIES	FSU General Education – Natural Science elective	3	ISYS 321	Business Information Systems	3
MTH 111	MATH 115	Intermediate Algebra	4	MGMT 370	Quality/Operations Management	3
MTH 131	STQM 260	Intro to Probability and Stats	3	BUSN 499	Interdisciplinary Integrating Experience	3
NMC	VARIES	FSU General Education - Culture Electives (Two different disciplines and 3+ credits 200+ level)	9	CITS 250	Windows Client Administration	3
ECO 201	ECON 221	Principles of Macroeconomics	3	CITS 370	Virtual Server Administration	3
ECO 202	ECON 222	Principles of Microeconomics	3	CITS 480	Senior Project and Capstone	3
NMC	VARIES	FSU General Education - Self and Society Competency (Not ECON)	3	CITS 491*	CIT Internship	3
ACC 121	ACCT 201	Principles of Accounting 1	4	PROJ 320	Project Management Fundamentals	3
ACC 122	ACCT 202	Principles of Accounting 2	4	<b>Total Ferris Credits</b>		<b>30</b>
BUS 261	BLAW 321	Business Law 1	3	<b>Credits Required for Degree</b>		<b>125</b>
MKT 201	MKTG 321	Principles of Marketing	3			
MGT 241	MGMT 301	Principles of Management	3			
CIT 110	ISYS 110	Programming Logic and Design	3			
CIT 156	CITS 150	A+ Certification Prep 1	3			
CIT 157	CITS 160	A+ Certification Prep 2	3			
CIT 213	CITS 270	Networking Technologies	4			
CIT 215	CITS 255	Windows Server Environment	3			
CIT 240	CITS 320	Network Security Management	3			
CIT 246	CITS 260	Windows Server Infrastructure	3			
CIT 247	CITS 360	Windows Server Administration	3			
CIT 256	CITS 280	Linux Administration	3			
NMC	VARIES***	Direct Electives (choose 6 credits from NMC classes; see FSU advisor)	6			
<b>Total Northwestern Michigan College Credits</b>			<b>95</b>			

\* Not required with 1+ year(s) experience in field. Credits will be substituted with directed elective (see advisor).

\*\*\* Approved NMC Directive Electives: CIT110, CIT160, CIT161, CIT170, CIT 178, CIT180, CIT190, CIT195, CIT208, CIT210, CIT218, CIT255, CIT260, CIT261, CIT275, CIT280, CIT290, CIT291, & CIT292 (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**

(800) 433-7747  
(231) 591-2420 or email COB@ferris.edu  
**Ferris Statewide, FSU – Traverse City**  
(231) 995-1734 or ferrisNorth@ferris.edu  
www.ferris.edu/statewide

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.

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**General Admission Criteria****Transfer Students – Degree Completion at the Community College**

- To be admitted to this degree program, either a completed associate degree or at least 48 transferable semester credit hours (“C” or better on 4.0 (scale) from an accredited college or university with a 2.5 overall GPA and credit for, or placement into, ENGL 150 and MATH 114/115 is required. Official transcripts from all accredited colleges and universities must be submitted with the Ferris application.

**Transfer Students – Big Rapids Main Campus**

- 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 English 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 Accuplacer English score 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; or SAT score of 500; or Accuplacer MATH scores: Elementary Algebra score 75 or higher and College Level Math 0 – 49.

**Delivery Locations**

This degree and the Ferris courses are offered to students of Northwestern Michigan College at the following locations:

- Northwestern Michigan College, University Center, Traverse City MI
- Ferris State University, Big Rapids, MI
- Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at either Northwestern Michigan College, the Ferris main campus, or at another off-campus location).

**Transfer Student Orientation**

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

**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.

**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.

**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.

**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**

This Articulation Agreement is in effect January 15, 2012, through January 15, 2018.

The original, signed document is on file in the Transfer Services Center. To obtain a copy of the original, signed document, contact the Transfer Services Center at 231/591-5983 or email your request to [transfercenter@ferris.edu](mailto: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.