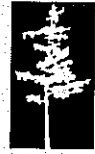


# ARTICULATION AGREEMENT

Between

Ferris State University  
COLLEGE OF BUSINESS



Northwestern  
Michigan  
College

And

Northwestern Michigan College

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THIS ARTICULATION AGREEMENT (hereinafter "Agreement") is entered into by Ferris State University, a Michigan constitutionally-created public institution of higher education, located in Big Rapids, Michigan 49307 (hereinafter "Ferris") and Northwestern Michigan College (hereinafter "NMC") on this 15<sup>th</sup> day of January, 2012.

## *RECITALS*

WHEREAS, Ferris is a Michigan public university with its main campus located in Big Rapids, Michigan, and offers Bachelor of Science degree programs within its College of Business (hereinafter the "Bachelors Program"); and,

WHEREAS, NMC is a Michigan community college with its main campus in Traverse City, Michigan, and offers transfer and occupational courses and associate degrees (hereinafter the "Associate Program"); and,

WHEREAS, the NMC Associate Program includes courses that may be applied toward the Ferris Bachelors Program; and,

WHEREAS, Ferris and NMC desire to collaborate to provide opportunities for continued education to students in the NMC Associate Program through the Ferris Bachelors Program;

## *AGREEMENT*

NOW THEREFORE, the parties, desiring to articulate the nature of their collaboration, hereby agree to the terms listed below.

1. NMC students who have a cumulative grade point average of 2.35 (on a 4.0 scale) or higher, and have completed the Associate Program or have completed at least forty-eight (48) transferable credits from NMC, and have completed Math 111 or English 111 with a grade of C (2.0 on a 4.0 scale) or higher from NMC, or equivalent from another accredited institution, (hereinafter the "qualified student"), may apply to the Bachelors Program at Ferris.

- a. If the qualified student has completed the Associate Program from NMC and is admitted to Ferris for the Bachelors Program in a program outlined in a Transfer Guide, Ferris shall permit the qualified student to transfer all credits in the Associate Program toward the Bachelors Program, and apply those that are applicable, for those courses that the qualified student received a grade of C (2.0 on a 4.0 scale) or higher in the course. Although all courses that meet these guidelines will transfer, qualified students will be admitted to the Ferris Bachelors Program only if all program-specific requirements are met as defined in the current Transfer Guide for the specific Ferris program. Program-specific entrance requirements may include a GPA greater than 2.35.
- b. If the qualified student has earned at least 48 credits, but not been awarded an Associate Degree from NMC and is admitted to Ferris for the Bachelors Program in a program outlined in a Transfer Guide, Ferris shall permit the qualified student to transfer all credits in the Associate Program toward the Bachelors Program, and apply those that are applicable, for those courses that the qualified student received a grade of C (2.0 on a 4.0 scale) or higher in the course. Although all courses that meet these guidelines will transfer, qualified students will be admitted to the Ferris Bachelors Programs only if all program-specific requirements are met as defined in the current Transfer Guide for the specific Ferris program. Program-specific entrance requirements may include a GPA greater than 2.35.

2. Ferris and NMC establish their own admissions requirements and recognize and respect each other's autonomy in establishing such requirements. Although qualified students from NMC may meet the academic admissions requirements for the Ferris Bachelors Program, such qualified students may not be otherwise eligible for admission to Ferris. Ferris and NMC recognize that Ferris may refuse admission to any person who does not meet all admissions requirements set by Ferris.

3. Attached by reference hereto, and made a part hereof, is the program plan for the Bachelors Program (hereinafter the "Transfer Guide"), setting forth the Bachelors Program prerequisites, including the course equivalencies for the Ferris Bachelors Program and the NMC Associate Program that are the subject of transfer from NMC to Ferris by qualified students. The Transfer Guide is subject to programmatic review and periodic change by Ferris and NMC. Ferris and NMC will communicate regularly, but not less than once every year, regarding any required programmatic changes, and shall inform each other in writing of the impact of any programmatic changes on the Transfer Guide prior to the implementation of any programmatic changes.

4. Ferris and NMC anticipate offering courses, depending on enrollment, available facilities, and available faculty or instructors, at the Ferris Traverse City Regional Center, online, and/or mixed delivery.

5. This Agreement shall be for an initial term of three (3) years, and shall be automatically renewed for additional one (1) year terms for not more than an additional three (3) years, unless Ferris or NMC terminate this Agreement in accordance with the terms of this Agreement, or unless either party is in material breach of any term in this Agreement. Ferris or NMC may terminate this Agreement by providing the other party with written notice, by first class mail, of the termination of 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 the parties. All students admitted under this agreement that have completed at least 30 credits at Ferris would have a maximum of one (1) calendar year to complete the Bachelors Program in which they were admitted to Ferris.

6. This Agreement is intended solely for the mutual benefit of the parties hereto, and there is no intention, express or otherwise, to create any rights or interests for any party or person other than Ferris and NMC. Without limiting the generality of the foregoing, no rights are intended to be created for any student, qualified student, as defined herein, parent or guardian of any student, or employer or prospective employer of any student.

7. No amendment or modification to this Agreement, including any amendment or modification of this paragraph, shall be effective unless the same is in writing and signed by the party to be charged.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year written in the preamble to this Agreement.

# ARTICULATION AGREEMENT

Between

**Ferris State University  
COLLEGE OF BUSINESS**



**Northwestern  
Michigan  
College**

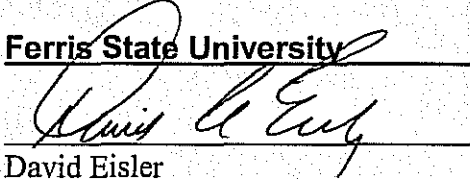
And

**Northwestern Michigan College**

We, the representatives of Ferris State University and Northwestern Michigan College, agree to the terms of this agreement, effective January 15, 2012.

## Signatures

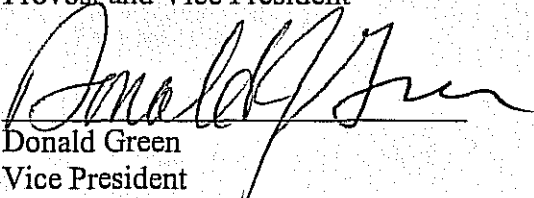
**Ferris State University**



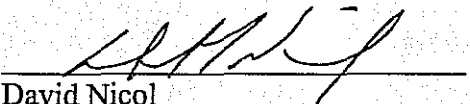
David Eisler  
President



Fritz Erickson  
Provost and Vice President

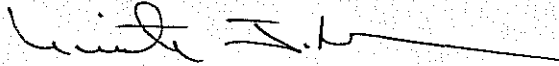


Donald Green  
Vice President  
External & International Operations

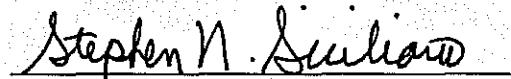


David Nicol  
Dean  
College of Business

**Northwestern Michigan College**



Timothy Nelson  
President



Stephen N. Siciliano  
Vice President for Educational Services



Susan DeCamillis  
Director  
Business Programs/Academic Affairs

## Bachelor of Science

# Computer Information Systems

### *Northwestern Michigan College – Transfer Guide*

Computers and information systems are essential to all aspects of business and life. Individual business departments, corporations, or multi-national enterprises need professionals to relate the problem-solving abilities of a computer system. The CIS curriculum provides you with a broad understanding of core business functions, competency in computer programming, knowledge of information technology infrastructure, and a sound foundation in systems analysis and design. Entry-level positions include such jobs as: application programmer/analyst; business analyst; systems analyst; networking administrators; consultants; software developers; computer support specialist; systems administrators; project leaders; and web developers.

#### General Admission Criteria

To be admitted to this program you must have at least 48 transferable semester credit hours (2.0 or better) from an accredited college or university, with a 2.35 overall GPA and credit for/or placement into ENG 111 or MTH 111.

#### Courses Requirements

##### Northwestern Michigan College

##### **(FSU equivalences are in parentheses)**

##### *Communications Competence*

COM 111 Public Speaking (COMM121) .....4

ENG 111 English Composition(ENGL150).....4

ENG 112 English composition (ENGL250) .....4

##### *Scientific Understanding*

Scientific Understanding w/Lab.....4

Scientific Understanding \*\*.....3

##### *Quantitative Skills*

MTH 111 Intermediate Algebra (MATH115).....4

##### *Cultural Enrichment*

PHL 202 Contemporary Ethical Dilemmas

(PHIL216).....3

Cultural Enrichment Electives\*\*\* .....6

##### *Social Awareness*

ECO 201 Principles of Macroeconomics

(ECON221).....3

ECO 202 Principles of Microeconomics

(ECON222).....3

Social Science Elective\*\*\* .....3

##### *Electives*

General Education Electives++..... 1

##### *Business Core Courses*

ACC 121 Accounting Principles I (ACCT201) .....4

ACC 122 Accounting Principles II (ACCT202) .....4

MTH 131 Intro to Prob and Stats (STQM260) .....3

BUS 261 Business Law I (BLAW321) .....3

MKT 201 Principles of Marketing (MKTG321).....3

MGT 241 Principles of Management (MGMT301).3

##### *Computer Information System Major Core*

CIT 110 Programming Logic and Design and

CIT180 XHTML Programming (ISYS110).....5

CIT 170 Intro.to Database Management

(ISYS 200).....3

CIT 195 . Net Applications Prog. (ISYS216) .....3

CIT 213 Networking Technologies (ISYS325).....4

CIT 248 SQL Server Data Base (ISYS371).....3

CIT 255 .Net Object-Oriented Prog. (ISYS316).....3

CIT 280 Systems Analysis and Design (ISYS 330)..3

##### Directive Electives:

##### **CHOOSE 12 CREDITS FROM NMC CLASSES:**

(See FSU advisor)..... 9

**Total NMC Credits.....95**

##### Ferris State University (Minimum 30 FSU hours)

##### *Communications Competence*

COMM 336 Technical and Professional Comm... .3

ENGL 325 Advanced Writing for Business.....3

##### *Business Core Courses*

FINC 322 Financial Management 1 .....3

ISYS 321 Business Information Systems.....3

MGMT 370 Quality/Operations Management .....3

BUSN 499 Interdisciplinary Integrating experience..3

##### *Computer Information System Major Core*

ISYS 288 Web Applications Development.....3

ISYS 470 Database Administration .....3

ISYS 489 Web-based Systems Development &

Implementation .....3

ISYS491 Internship ##.....3

PROJ 320 Project Mangement .....3

**Total Ferris Credits ..... 33**

**Minimum total credits required for graduation..128**

++Total of 48 General Education credits required for degree

\*\*credits satisfied with MACRAO stamp

\*\*\*Must satisfy Global Consciousness & Race,

Ethnicity, Gender requirements w/out MACRAO

## Not required if you have work experience in

field sub with FSU Dir Elective

**For more information, call or visit us online.**

**1.866.857.1954 or 1.231.995.1734**

**www.ferris.edu/offcampus**