

### Lansing Community College (LCC) Articulation Agreement and Transfer Guide

The demand for facility management graduates is high and a career in facility management offers many opportunities. The responsibilities of facility management are varied and numerous. A facility manager may supervise numerous aspects of a company's facilities, including architecture, interior design, computer systems, telecommunications, real estate acquisition, security and more. As such, facility managers wear many professional hats and must be knowledgeable and skilled as communicators, environmentalists, designers & space planners, strategic planners, financial planners, "tekkies" and team leaders (International Facility Management Association - IFMA). This innovative baccalaureate degree program is one of a select group in North America accredited by the International Facility Management Association as meeting the highest academic standards for professional education in facility management.

*(Courses marked with an asterisk may be completed at LCC; however, students should consult with Ferris Faculty Advisor prior to completing any of these courses due to the timeline of completing the program)*

#### Communication Competency Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
COMM 121	Fundamentals of Public Speaking	3	COMM 130	Fund of Public Speaking	3
or	or		or	or	
COMM 105	Interpersonal Communications		COMM 140	Interpersonal Communication	
ENGL 150	English 1	3	ENGL 121	Composition 1	3
ENGL 250	English 2	3	ENGL 122	Composition 2	3
ENGL 311	Advanced Technical Writing	3	No Equivalent	No Equivalent	No Equivalent

**Quantitative Literacy Requirements** see below or Official Pre-2016 Math SAT Score of 560 or Higher, or Official Post-2016 Math SAT Score of 580 or Higher, or Official Math ACT Score of 24 or Higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
MATH 115	Intermediate Algebra	3	MATH 109 or MATH 112 or MATH 120	Fast Track Algebra or Intermediate Algebra or College Algebra	3

LCC's MATH 120 will meet MTA and Program Requirements at LCC. LCC's MATH 109 or 112 or 120 will meet Program Requirements at Ferris.

#### Natural Sciences Competency Requirements - 1 course with lab

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
Varies	FSU General Education - Natural Sciences Elective (BIOL 111, 116, GEOL 121, GEOG 121)	3 - 4	Varies*	Varies	Varies
PHYS 211	Introductory Physics 1	4	PHYS 221	Introductory Physics 1	3

#### Culture Competency Requirements - Minimum 9 credits from 2 different disciplines with 1 at FSU 200 level or higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
ARTS 1-C	ARTS General Credit	3	ARTS 131	Drawing 1	3
ARCH 244	Architectural History 1	3	ARCH 141	History of Architecture 1	3
ARCH 245	Architectural History 2	3	ARCH 142	History of Architecture 2	3

#### Self and Society Competency Requirements – Minimum 9 credits from 2 different disciplines with 1 at FSU 200 level or higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
ECON 201	Principles of Microeconomics	3	ECON 201*	Prin of Econ – Micro	3
ECON 202	Principles of Macroeconomics	3	ECON 202*	Prin of Ec-Macro	3
SOCY 121	Introductory Sociology	3	SOCL 120	Introduction to Sociology	3

#### Ferris State University General Education Program

Students are encouraged to work with an advisor to select appropriate general education courses.

In the instance(s) where Lansing Community College credit(s) are more than the Ferris credit(s), the additional credit(s) will be brought in as general credit.

#### Diversity Competency – 2 Courses Required

If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following:

- 1 course with the Global Diversity attribute
- 1 course with the U.S. Diversity attribute

**Major Requirements – 29 credits required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
FMAN 321	Principles of Facility Management	3	No Equivalent	No Equivalent	No Equivalent
FMAN 322	Project Management	3	No Equivalent	No Equivalent	No Equivalent
FMAN 331	Facility Programming & Design Process	3	No Equivalent	No Equivalent	No Equivalent
FMAN 393	Facility Management Internship	4	No Equivalent	No Equivalent	No Equivalent
FMAN 431	Principles of Space Planning	3	No Equivalent	No Equivalent	No Equivalent
FMAN 432	Principles of Interior Architecture	3	No Equivalent	No Equivalent	No Equivalent
FMAN 441	Property Development & Planning	3	No Equivalent	No Equivalent	No Equivalent
FMAN 451	Planning & Budgeting for Operations	3	No Equivalent	No Equivalent	No Equivalent
FMAN 489	Capstone Research	1	No Equivalent	No Equivalent	No Equivalent
FMAN 499	Capstone Thesis	3	No Equivalent	No Equivalent	No Equivalent

**Technical Related – 18 credits required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
BLAW 301	Legal Environment of Business	3	No Equivalent	No Equivalent	No Equivalent
HVAC 483	HVACR Building Systems	3	No Equivalent	No Equivalent	No Equivalent
STQM 260	Introductory Statistics	3	STAT 170* or STAT 215*	Intro to Statistics or Probability & Stats	4
MGMT 301	Applied Management	3	MGMT 225*	Principles of Management	3
MGMT 350	Management Metrics & Decision Making	3	No Equivalent	No Equivalent	No Equivalent
MGMT 302 or MGMT 305	Organizational Behavior or Supervision & Leadership	3	MGMT 228 or MGMT 223	Organizational Behavior or Developing Supervisory Skills	3

**Credits to Meet 120 Minimum**

FSU Course	FSU Course Title	FSU Cr. Hrs.	LCC Equiv.	LCC Course Title	LCC Cr. Hrs.
Varies	Technical Credits from ARCH AAS degree or equivalents approved by department	33-38	See Below	See Below	See Below
ARCH 101	Architectural Graphics	3	ARCH 110	Visual Communications I	3
ARCH 102	Architectural Digital Graphics	4	ARCH 120	Visual Communications II	3
ARCH 112	Structure Material, Systems, Codes	4	ARCH 113	Materials & Methods of Construction	4
ARCH 115	Interior Exterior Finishes – Systems	3	DCTM 103	Codes & Specifications	3
ARCH 203	Architectural Documentation	3	ARCH 233	Revit Architecture BIM	4
ARCH 204	Architectural Detailing	4	ARCH 275	Sustainable Building Design	4
ARCH 223	Statics & Structures	4	CIVL 241	Statics/Strength of Materials	3
ARCH 241	Design Principles	3	ARCH 111	Architecture Design Fundamentals	3
ARCH 250	Systems Cost Estimating	3	DCTM 200	Construction Management I	4
HVAC 337	Mech. & Electrical Systems for Building	3	ARCH 125	Environmental Systems	4

<b>Total Credits Required for Degree</b>	<b>123</b>
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**Program Delivery Locations and Contact Information:****Main Campus, Big Rapids****College of Engineering Technology****School of Built Environment**(800) 433-7747 | [School of Built Environment Website](#)**Architecture and Facility Management Department**(231) 591-3100 | [Architecture and Facility Management Website](#)[Transfer Partnerships Website](#)**General Admission Criteria****Transfer Students**

- Associate Degree from Architectural Technology or equivalent for 60+ credit hours.
- GPA of 2.75 or higher.

**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.

## Reverse Transfer Agreement

Lansing 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 Lansing 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](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.

## Articulation Agreement

### Effective Dates: September 1, 2020 – September 1, 2023

This Agreement shall commence as of September 1, 2020 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

Lansing Community College  
P.O. Box 40010  
Lansing, MI 48901-7210  
Phone: (517) 483-1957

September 1, 2020

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Michael Staley  
Dean  
College of Engineering Technology

September 1, 2020

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Sally Welch  
Provost

September 1, 2020

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Dane Johnson  
Program Coordinator  
Architecture & Facility Management  
School of Built Environment

September 1, 2020

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Catherine Wilhm  
Dean  
Technical Careers