

## Grand Rapids Community College (GRCC) 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.

### Communication Competency Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COMM 121 or COMM 105	Fundamentals of Public Speaking or Interpersonal Communications	3	COM 131 or COM 135	Fundamentals of Public Speaking or Interpersonal Communicatins	3
ENGL 150	English 1	3	EN 100 or EN 101	College Writing or English Composition 1	3
ENGL 250	English 2	3	EN 102	English Composition 2	3
ENGL 311	Advanced Technical Writing	3	No Equivalent	No Equivalent	No Equivalent

### Quantitative Literacy Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
MATH 115	Intermediate Algebra	3	MA 107	Intermediate Algebra	4

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

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	FSU General Education - Natural Sciences Elective (BIOL 111, 116, GEOL 121, GEOG 121)	3 - 4	Varies	Varies	3
PHYS 211	Introductory Physics 1	4	PH 125	College Physics 1	4

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

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	FSU General Education – Self & Society Electives	3	Varies	Varies	3
ECON 221	Principles of Macroeconomics	3	EC 251	Principles of Macroeconomics	3
ECON 222	Principles of Microeconomics	3	EC 252	Principles of Microeconomics	3

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

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	FSU General Education - Culture Electives	6	Varies	Varies	6
ARTH GC	Culture General Credit	3	AT 270	History of Architecture	3

[Ferris State University General Education Courses](#) Students are encouraged to work with an advisor to select appropriate general education courses

### Major Requirements – 29 credits required

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC 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

**Major Requirements** continued on page 2

**Major Requirements (cont'd.)**

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
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.	GRCC Equiv.	GRCC Course Title	GRCC 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	MA 215	Statistics	3
MGMT 301	Applied Management	3	No Equivalent	No Equivalent	No Equivalent
MGMT 350	Management Metrics & Decision Making	3	No Equivalent	No Equivalent	No Equivalent
MGMT 302 or MGMT 305	Organizational Behavior or Supervision & Leadership	3	No Equivalent	No Equivalent	No Equivalent

**Credits to Meet 120 Minimum**

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Technical Credits from ARCH AAS degree or equivalents approved by department	33-38	AR 103 or AR 108  AR 105 AR 106 AR 112 AR 119 AR 120 AR 121 AR 125 AR 129 AR 201 AR 202 AR 218	Building Codes & Standards or Residential Building Codes & Standards Construction Materials 1 Construction Materials 2 Architectural Graphics 2 Introduction to Architectural CAD Architectural Working Drawings 1 Sustainable Residential Design Print Reading & Specifications Architectural 3D CAD Architectural Graphics 1 Architectural Working Drawings 2 Mechanical & Electrical Drafting	2 or 2  3 3 3 3 4 4 3 3 3 3 3

<b>Total Credits Required for Degree</b>	<b>125</b>
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**Program Contact Information:****Main Campus, Big Rapids****College of Engineering Technology****School of Built Environment**(800) 433-7747 | (231) 591-3773 | [School of Built Environment Website](#)**Architecture and Facility Management Department**

(231) 591-3100

[Transfer Partnerships Website](#)**Delivery Locations**

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

- Ferris State University, Big Rapids Campus, Big Rapids MI

**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.

**Graduation Requirements**

In addition to meeting all the programmatic requirements, students must:

- Meet University General Education requirements.
- Earn a minimum of 120 credits.
- Maintain a 2.00 or higher cumulative FSU GPA.
- Earn 30 credits from FSU (Residency).
- Earn 40 credits of 300 level or higher courses.
- Earn a grade of B-, or 2.70, in all MATH, BIOL, and CHEM courses.

**Ferris State University and Grand Rapids Community College – Facility Management – Transfer Guide**

Effective Fall 2019

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit [ferris.edu/non-discrimination](http://ferris.edu/non-discrimination).

**Transfer Student Orientation**

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

**Reverse Transfer Agreement**

Grand Rapids 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 Grand Rapids 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.

**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 effective and/or revised date on the bottom of this guide.