

# FERRIS STATE UNIVERSITY

## FACILITY MANAGEMENT ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS

### COMMUNITY COLLEGE

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**Ferris Program:** Facility Management

**Degree Type:** Bachelor of Science

**Ferris College:** College of Engineering Technology

**Transfer School:** Grand Rapids Community College (GRCC)

**Consortium Eligible:** No

**Articulation Agreement:** Yes

**Total Credits Required:** 120

**Catalog Year:** 2024-2025

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027. This Articulation Agreement and Transfer Guide establishes a transfer pathway from the Architectural Technology A.A.S. degree at Grand Rapids Community College into the Facility Management, B.S. degree at Ferris State University.

### GENERAL EDUCATION REQUIREMENTS – 39 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. 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 and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [for more information.](#)

#### Communication Competency

| Ferris Course        | Ferris Course Title  | Ferris Credit Hours | Transfer Course    |
|----------------------|--|---------------------|--------------------|
| COMM 105 or COMM 121 | Interpersonal Communication or Fundamentals of Public Speaking | 3                   | COM 135 or COM 131 |
| ENGL 150             | English 1  | 3                   | EN 101             |
| ENGL 250             | English 2  | 3                   | EN 102             |
| ENGL 311             | Advanced Technical Writing                                     | 3                   | EN 249             |

#### Quantitative Literacy

| Ferris Course | Ferris Course Title  | Ferris Credit Hours | Transfer Course |
|---------------|----------------------|---------------------|-----------------|
| MATH 115      | Intermediate Algebra | 3                   | MA 107          |

#### Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. Recommended BIOL 111, BIOL 116, GEOL 121, or GEOG 121 for second course.

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| Ferris Course   | Ferris Course Title   | Ferris Credit Hours | Transfer Course   |
|---|---|---------------------|---|
| PHYS 211  | Introductory Physics 1  | 4                   | PH 125  |
| <i>Recommended</i><br>BIOL 111 or<br>BIOL 116 or<br>GEOL 121 or<br>GEOG 121 | Environmental Biology or<br>Nature Study or Physical<br>Geology or Weather and<br>Climate | 4 or 3              | <i>Recommended</i><br>GE 225 or<br>No Equivalent or<br>GL 101 or<br>No Equivalent |

## Cultural Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|---------------------|---------------------|-----------------|
| ARTH 2-C      | ARTH General Credit | 3                   | AT 270          |
| Varies        | Culture Electives   | 6                   | Varies          |

## Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, and at least one Self and Society Foundation course.

| Ferris Course | Ferris Course Title             | Ferris Credit Hours | Transfer Course |
|---------------|---------------------------------|---------------------|-----------------|
| ECON 201      | Principles of<br>Microeconomics | 3                   | EC 252          |
| ECON 202      | Principles of<br>Macroeconomics | 3                   | EC 251          |
| Varies        | Self and Society Elective       | 3                   | Varies          |

## COLLEGE REQUIREMENTS – 81 Credits Required

### Major Courses

32 Credits Required. These courses are used to calculate the major 2.00 GPA requirement.

| Ferris Course | Ferris Course Title                            | Ferris Credit Hours | Transfer Course |
|---------------|--|---------------------|-----------------|
| FMAN 321      | Principles of Facility<br>Management           | 3                   | No Equivalent   |
| FMAN 322      | Project Management                             | 3                   | No Equivalent   |
| FMAN 331      | Facility Program and<br>Design Process         | 3                   | No Equivalent   |
| FMAN 332      | Digital Applications in<br>Facility Management | 3                   | No Equivalent   |
| FMAN 393      | Facility Management<br>Internship              | 4                   | No Equivalent   |

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| Ferris Course | Ferris Course Title                   | Ferris Credit Hours | Transfer Course |
|---------------|---------------------------------------|---------------------|-----------------|
| FMAN 431      | Principles of Space Planning          | 3                   | No Equivalent   |
| FMAN 432      | Principles of Interior Architecture   | 3                   | No Equivalent   |
| FMAN 441      | Property Development and Planning     | 3                   | No Equivalent   |
| FMAN 451      | Planning and Budgeting for Operations | 3                   | No Equivalent   |
| FMAN 489      | Capstone Research                     | 1                   | No Equivalent   |
| FMAN 499      | Capstone Thesis                       | 3                   | No Equivalent   |

## Technical Related Courses

18 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

| Ferris Course        | Ferris Course Title   | Ferris Credit Hours | Transfer Course         |
|----------------------|---|---------------------|-------------------------|
| STQM 260             | Introduction to Statistics                                    | 3                   | BA 254 or MA 215        |
| BLAW 301             | Legal Environment of Business                                 | 3                   | BA 207                  |
| MGMT 301             | Applied Management  | 3                   | BA 283                  |
| MGMT 302 or MGMT 305 | Team Dynamics and Organizational Behavior or Agile Leadership | 3                   | BA 282 or No Equivalent |
| MGMT 350             | Management Metrics and Decision Making                        | 3                   | No Equivalent           |
| MGMT 483             | HVACR Building Systems  | 3                   | No Equivalent           |

## Electives

A total of 31 technical credits from an Associate of Applied Science (AAS) in Architectural Technology (ARCH), or equivalent, that are approved by the department is required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 31 credits of elective courses to meet the required 120 credit minimum. These courses are not used to calculate the major 2.00 GPA requirement.

| Ferris Course | Ferris Course Title  | Ferris Credit Hours | Transfer Course   |
|---------------|--|---------------------|---|
| Varies        | GRCC Architectural Technology AAS Degree or Equivalents Approved by Department | 31                  | <i>Recommended</i><br>AR 103 or AR 105 or AR 106 or AR 112 or AR 119 or AR 120 or AR 121 or AR 125 or AR 129 or AR 201 or |

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| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course  |
|---------------|---------------------|---------------------|------------------|
|               |                     |                     | AR 202 or AR 218 |

## PROGRAM CONTACT INFORMATION

605 S. Warren  
GRN 227  
Big Rapids MI 49307  
(231) 591-3773  
  
(616) 451-4777

## ADMISSION REQUIREMENTS

### New Student Admission Requirements

- Application Deadline: February 1st prior to fall semester requested.
- The Facility Management, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Building Construction Technology, AAS, Civil Engineering Technology - Highway Emphasis, AAS or Architectural Technology, AAS program.

### Transfer Student Admission Requirements

- Must have completed an Associate of Applied Science degree in Architectural Technology or Equivalent, a minimum of 60 credit hours
- 2.75 College GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Placement in MATH 115/116

## MORE INFORMATION

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 a statewide location).

To fulfill the residency requirement for a bachelor's degree a student must earn a minimum of 30 credits from Ferris State University.

## Steps to Apply

- Complete your .
- Submit official transcripts
  - Submit official transcripts from every school attended to
  - Or mail to:  
Ferris State University Admissions Office  
1201 S. State St., CSS 201  
Big Rapids, MI 49307
- Submit test scores (if required)
  - ACT Scores; go to the - Ferris State University School Code: 1994
  - SAT, CLEP and AP Sores; go to the - Ferris State University School Code: 1222

## Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, transfer policies and have any questions answered prior to completing an application. Ferris accepts transfer courses in which the student earned a letter grade of "C" or better. Additional policies such as the Ferris Sunset

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and Residency Requirement should be discussed with a Ferris advisor. 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 coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our Transfer Resource page.

\*Indicates an approved Ferris course substitution

### **Reverse Transfer Agreement**

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

### **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.

### **Transfer Equivalencies Tools**

The transfer equivalencies link is located in the Transfer Resources section at [transfer.ferris.edu](http://transfer.ferris.edu).

### **Disclaimer**

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the for the most current curriculum.

Partners may contact the Office of Transfer and Secondary School Partnerships with questions or updates at [TransferGuidesArticulations@ferris.edu](mailto:TransferGuidesArticulations@ferris.edu).

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## FACILITY MANAGEMENT ARTICULATION AGREEMENT FOR GRAND RAPIDS COMMUNITY COLLEGE

### 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 [transferguidesarticulations@ferris.edu](mailto:transferguidesarticulations@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 Grand Rapids 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: March 1, 2024 - March 1, 2027**

This Agreement shall commence as of March 1, 2024, 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

Grand Rapids Community College  
143 Bostwick Avenue, N.E.  
Grand Rapids, MI 49503  
Phone: (616) 234-4000

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Kate O'Connor, M.A. II  
Interim Dean  
College of Engineering Technology

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Sheila Jones, Ph.D.  
Interim Provost and Executive Vice President  
of Academic and Student Affairs

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Dane Johnson, M.S.  
Program Coordinator  
Architecture Technology and Facility Management

\*Please Note: The signed version of this document is kept on file at GRCC. For more information, please contact the Director of Transfer & Articulation Services at 616-234-3183.