# FERRIS STATE UNIVERSITY

## CONSTRUCTION MANAGEMENT TRANSFER GUIDE FOR KALAMAZOO VALLEY COMMUNITY COLLEGE

**Ferris Program:** Construction Management
**Degree Type:** Bachelor of Science
**Ferris College:** College of Engineering Technology
**Transfer School:** Kalamazoo Valley Community College
**Consortium Eligible:** No
**Total Credits Required:** 123-124
**Catalog Year:** 2024-2025

## GENERAL EDUCATION REQUIREMENTS – *41-42 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 general education page for more information.

### Communication Competency

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| COMM 121 | Fundamentals of Public Speaking | 3 | COM 101 |
| ENGL 150 | English 1 | 3 | ENG 110 |
| ENGL 211 or ENGL 250 | Industrial and Career Writing or English 2 | 3 | ENG 111 or ENG 160 |
| ENGL 311 or ENGL 325 | Advanced Technical Writing or Advanced Business Writing | 3 | No Equivalent |

### Quantitative Literacy Competency

Requirements for Quantitative Literary Competency can be met with the following:

- Official Pre-2016 Math SAT Score of 560 or Higher
- Official Post-2016 Math SAT Score of 580 or Higher
- Official Math ACT Score of 24 or Higher

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| MATH 120 | Trigonometry | 3 | MATH 152 |

### Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| (Choose 1 of 6) PHSC 110 | Inquiry into the Earth System | 4 | No Equivalent |

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| (Choose 1 of 6) GEOG 111 | Geography of Physical Environment | 4 | GEO 120 |
| (Choose 1 of 6) CHEM 114 | Introduction to General Chemistry | 4 | No Equivalent |
| (Choose 1 of 6) CHEM 121 | General Chemistry 1 | 5 | CHM 120 |
| (Choose 1 of 6) GEOL 121 | Physical Geology | 4 | GEO 110 |
| (Choose 1 of 6) PHYS 212 | Introductory Physics 2 | 4 | PHY 112 |
| PHYS 211 | Introductory Physics 1 | 4 | PHY 111 |

### Culture 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 |
|---|---|---|---|
| SURE 331 | Ethics and Professionalism in Engineering Technology | 3 | No Equivalent |
| 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 or ECON 202 | Principles of Microeconomics or Principles of Macroeconomics | 3 | ECO 202 or ECO 201 |
| Varies | Self and Society Electives | 6 | Varies |

## COLLEGE REQUIREMENTS – *82 Credits Required*

### Major Courses

24 Credits Required.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| CONM 311 | Formwork and Temporary Structures | 3 | No Equivalent |
| CONM 312 | Construction Scheduling | 3 | No Equivalent |

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| CONM 321 | Construction Estimating 2 | 3 | No Equivalent |
| CONM 324 | Advanced Construction Computer Techniques and Technology | 3 | No Equivalent |
| CONM 412 | Construction Contracts | 3 | No Equivalent |
| CONM 413 | Construction Economics | 3 | No Equivalent |
| CONM 424 | Construction Safety and Risk Management | 3 | No Equivalent |
| CONM 499 | Construction Project Management | 3 | No Equivalent |

### Directed Electives

4 Credits Required.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| (Choose 2 of 4) CONM 460 | Current Topics in Construction Management | 2 | No Equivalent |
| (Choose 2 of 4) CONM 461 | Sustainability in Construction | 2 | No Equivalent |
| (Choose 2 of 4) CONM 462 | Power and Process Plant Construction | 2 | No Equivalent |
| (Choose 2 of 4) CONM 463 | Infrastructure Construction | 2 | No Equivalent |

### Technical Related Courses

12 Credits Required.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| MATH 132 or STQM 260 | Survey of Calculus or Introduction to Statistics | 3 | MATH 158 or MATH 216 or MATH 220 |
| ACCT 221 | Principles of Construction Accounting | 3 | No Equivalent |
| BLAW 301 | Legal Environment of Business | 3 | No Equivalent |
| (Choose 1 of 4) MGMT 302 | Team Dynamics and Organizational Behavior | 3 | BUS 207 |

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| (Choose 1 of 4) MGMT 305 | Agile Leadership | 3 | No Equivalent |
| (Choose 1 of 4) MGMT 310 | Small Business Management | 3 | BUS 115 |
| (Choose 1 of 4) MGMT 373 | Human Resource Management | 3 | BUS 203 |

### Associate Degree Coursework

A total of 42 credits is required in associate degree coursework. Associate Core Courses, including: CONM 122, 211, 212, 222, and 225 are required; totaling 15 credits. In addition, 27 credits of Architectural Technology (ARCH), Building Construction Technology Management (BCTM), Civil Engineering Technology Management (CETM), and Construction Management (CONM) courses are required.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---|---|---|---|
| Varies | Associate Degree Coursework (Advisor Approval) | 42 | Varies |

## PROGRAM CONTACT INFORMATION

College of Engineering Technology
Construction Technology & Management Programs
(231) 591-3773
ConsProg@Ferris.edu

Ferris Statewide - Kalamazoo Valley Community College
(269) 488-4039
FerrisSW@Ferris.edu

## ADMISSION REQUIREMENTS

### New Student Admission Requirements

- The Construction 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

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Successful completion of the following courses:
  - MATH 120 with a C- grade or higher, transfer equivalent with C grade or higher, or a higher mathematics course.
  - PHYS 211 with a passing grade or transfer equivalent with C grade or higher
  - ENGL 150 with a C grade or higher or transfer equivalent with a C grade or higher
  - ENGL 211 or 250 with a C grade or higher or transfer equivalent with a C grade or higher
- Completion of Associate in Applied Science (AAS) in Building Construction Technology (BCTM) or Civil Engineering Technology - Highway Focus (CETH) from Ferris State University; or Associated in Applied Science (AAS) in Architectural Technology from Grand Rapids Community College; or a related Associate

in Applied Science (AAS) degree from another accredited university with specific 100 and/or 200 level program courses coordinated with the program prior to entry into the 300 and 400 level Construction Management (CONM) courses and a 2.50 GPA (on a 4.00 scale) in associate degree.

## MORE INFORMATION

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 free application.
- Submit official transcripts
  - Submit official transcripts from every school attended to Transfer@Ferris.edu
  - 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 ACT website - Ferris State University School Code: 1994
  - SAT, CLEP and AP Scores; go to the College Board website - 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 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.

# Ferris State 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.

## 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 Ferris catalog for the most current curriculum.
Partners may contact the Office of Transfer and Secondary School Partnerships with questions or updates at TransferGuidesArticulations@Ferris.edu.