

**Grand Rapids Community College**
**Architectural Technology A.A.A.S.**
**Transfer Guide & Articulation Agreement**

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.

**General Admission Criteria**

To be admitted to this degree program, students must have completed an Associate degree in Architectural Technology (or approved equivalent of 60 credit hours) from Grand Rapids Community College with a minimum GPA of 2.75 (on a 4.0 scale) in major coursework and a minimum GPA of 2.5 in all coursework in the AAAS curriculum. It is recommended that students submit applications by January 15<sup>th</sup> prior to fall entry. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application.

**Course Requirements**
**Grand Rapids Community College**

Course	Ferris Equiv.	Grand Rapids CC Course Title	Cr. Hrs.
AR 105	CONM121	Construction Materials 1	3
AR 119	APPS 305	Introduction to Architectural CAD	3
AR 129	ARCH 109	Architectural 3D CAD	3
AR 201	CONM 116	Architectural Graphics 1	3
AR 106	CONM 111	Construction Materials 2	3
AR 120	ARCH General Credit	Architectural Working Drawings 1	4
AR 125	CONM 112	Print Reading & Specifications	3
AR 103 or AR 108	TECG --- or GCR 100	Building Codes & Standards or Residential Building Codes & Standards	2
AR 121	ARCH General Credit	Architectural Working Drawings 2	4
AT 270	ARTH General Credit	History of Architecture (meets Ferris Gen-Ed CE 200-level)	3
AR 218	ARCH General Credit	Sustainable Residential Design	3
AR 112	BCTM 223	Mechanical & Electrical Drafting	3
AR 202	ARCH 101	Architectural Graphics 2	3
EN 100 or EN 101	ENGL 150	College Writing or English Composition 1	3
EN 102	ENGL 250	English Composition 2	3
MA 107	MATH 115	Intermediate Algebra	4
MA 108	MATH 120	Trigonometry	2
PH 125	PHYS 211	College Physics 1	4
COM 135 or COM 131	COMM 105 or COMM 121	Interpersonal Communication or Fund. of Public Speaking	3
WE Elective	RMLS	Wellness	1
PS 110	PLSC 121	Survey of American Government (meets GRCC degree requirements and Ferris general education requirement for one "Foundation" Social Awareness course)	3
<b>Total GRCC Credits</b>			<b>63</b>

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These courses may be completed at the Community College; however, students <u>must</u> consult with the Ferris Faculty Advisor prior to completing these courses due to the timeline of completing the program, sequencing of the major's courses, and if full time status is required for the student.			
BA 208	BLAW 221	Business Law 2	3
EC 251	ECON 221	Principles of Macroeconomics	3
EC 252	ECON 222	Principles of Microeconomics	3
MA 215	STQM 260	Statistics	3
VARIES	Gen-Ed Electives	Cultural Enrichment Elective (2 courses, both must be different subject area from a GRCC AR course; one must be at a 200-Level, and one must be a Global Consciousness course)	6
<b>Total Credits</b>			<b>18</b>

**Ferris State University – Major Courses**

Course	Ferris Course Title	Cr. Hrs.
FMAN 321	Principles of Facility Management	3
FMAN 322	Project Management	3
FMAN 331	Facility Program and Design Process	3
FMAN 393	Internship	4
FMAN 431	Principles of Space Planning	3
FMAN 432	Principles of Interior Architecture	3
FMAN 441	Property Development and Planning	3
FMAN 451	Plan – Budget for Operations	3
FMAN 489	Capstone Research	1
FMAN 499	Capstone Thesis	3
ENGL 311	Advanced Technical Writing	3
HVAC 483	HVACR Building Systems	3
MGMT 301	Applied Management	3
MGMT 350	Mgmt Metrics and Decision Making	3
MGMT Elective	Management Elective	3
Science Elective	Scientific Understanding Elective	3
<b>Total Ferris Credits</b>		<b>65</b>
(includes 18 credits listed above)		
<b>Credits Required for Degree</b>		<b>128</b>



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**Contact Information**

**Big Rapids Campus  
College of Engineering Technology**  
<http://www.ferris.edu/HTMLS/colleges/>  
Diane L. Nagelkirk, Program Coordinator  
Facility Management Program  
231-591-3100, [nagelkid@ferris.edu](mailto:nagelkid@ferris.edu)  
[www.ferris.edu/transferservices](http://www.ferris.edu/transferservices)

**Delivery Locations**

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

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

**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. Contact the College of Engineering Technology advisor at Ferris State University if there are questions on specific transfer requirements: Diane L. Nagelkirk at [nagelkid@ferris.edu](mailto:nagelkid@ferris.edu) or call 231-591-3100. Once admitted, students must continue to meet with an advisor as they work toward graduation.

**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**

This Agreement shall commence as of February 14, 2014, and shall be for an initial term of four years, unless Ferris or Grand Rapids Community College terminate this Agreement in accordance with the terms of this Agreement, or unless either party is in material breach of any term of this Agreement. Termination by either party requires ninety (90) days prior written notice. Ferris or Grand Rapids Community College may terminate this Agreement by providing the other party with written notice, by first class mail, of the termination of the Agreement.

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1201 S. State Street  
Big Rapids, MI 49307  
Phone: (231) 591-2000

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Architecture & Facility Management  
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