



TRANSFER GUIDE

**Milwaukee Area Technical College to
Civil Engineering – College of Engineering & Applied Science**

University of Wisconsin-Milwaukee Admission Guidelines

Transfer admission is a holistic and selective process, and no single criterion guarantees admission. The following factors are taken into consideration when reviewing applications:

- Demonstrated satisfactory academic progress
- Successful completion of college-level math and English courses
- Total credit hours completed
- Academic standing at your previous institution

If you have fewer than 12 transferable credits, we will also review your high school academic records.

Most admitted transfer students have a cumulative GPA of 2.0 or greater on all transferable coursework. Competency in English and mathematics is an important factor in the admission decision.

Please note that the College of Engineering & Applied Science is a selective program and has additional requirements for admission into its majors.

We encourage students to utilize this guide to plan their coursework for their first and second semesters at Milwaukee Area Technical College. We highly recommend that students who are interested in transferring contact a UWM Transfer Advisor for more information about additional requirements of specific academic programs.

College of Engineering & Applied Sciences Admission Requirements

1. Complete Calculus 1 with a C or better grade. (MATH 231 at MATC)
2. Complete GER Oral and Written Communication Part A. (ENG 202 at MATC)
3. Complete Chem 100 with a C or better grade or satisfactory score on the placement test. (NATSCI 211 at MATC)
4. Obtain a minimum grade point as set by the major department. A 3.00 GPA guarantees admission to any CEAS major.
5. Courses required by the major may be repeated only once. No more than two courses may be repeated.

Transfer Admissions Contact Information

UWM Office Phone: 414-229-2222

Email: undergraduateadmissions@uwm.edu

Department/School/College Advisor Contact Information

College of Engineering & Applied Science Student Services

Email: ceas-adv@uwm.edu

Phone: 414-229-4667

P.O. Box 784

3200 N. Cramer

Milwaukee, WI 53201-0784

<http://uwm.edu/engineering/current-students/advising/>

	Milwaukee Area Technical College course	Cr.	UWM course
GER requirements		15	
Oral and Written Part A	ENG 202 (C or better grade)	0	ENG 102
Oral and Written Part B		3	ENG 310
Art*	Various options*	3	Various options*
Humanities*	Various options*	3	Various options*
Social Science*	Various options*	6	Various options*
Cultural Diversity*	May be fulfilled w/ art, humanities, or social sci course w/ diversity focus	0	May be fulfilled w/ art, humanities, or social sci course w/ diversity focus
Foreign Language*	Demonstrated competency		Demonstrated competency
Engineering Core		33	
Statics		3	CIV ENG 201
Dynamics		3	CIV ENG 202
Computer Based Engr Analysis		3	CIV ENG 280
Strength of Materials		4	CIV ENG 303
Professional Seminar		1	EAS 200
Intro to Engineering		3	IND ENG 111
Engr Drawing & Comp Aided Design/Drafting		3	IND ENG 112
Engineering Economic Analysis		3	IND ENG 360
Engineering Materials		4	MATLENG 201
Basic Engr Thermodynamics		3	MECHENG 301
Intro to Fluid Mechanics		3	MECHENG 320
Major Requirements		23	
Engineering Survey		3	CIV ENG 250
Soil Mechanics		3	CIV ENG 335
Intro Structural Design		4	CIV ENG 372
Engr Prin Water Resources Design		3	CIV ENG 411
Environmental Engineering		3	CIV ENG 413
Transportation Engineering		3	CIV ENG 490
Prin Civil Engineering Design		1	CIV ENG 494
Senior Design		3	CIV ENG 495
Math Requirements		16	
Calc & Analytic Geometry I	MATH 231 C or better grade)	5	MATH 231
Calc & Analytic Geometry II	MATH 232 (C or better grade)	5	MATH 232
Calc & Analytic Geometry III	MATH 233	5	MATH 233
Analytical Methods in Engr		6	ELECENG 234
Chemistry Requirements		5	
Chemistry 1	NATSCI 211	5	CHEM 102
Chemistry 2	NATSCI 212	5	CHEM 104
Physics Requirements		8	
Physics 1	NATSCI 274	5	PHYSICS 209 & 214
Physics 2	NATSCI 275	5	PHYSICS 210 & 215
Other Natural Science		3	
Select one course	NATSCI 257	5	BIO SCI 150
	NATSCI 258	5	BIO SCI 152
	NATSCI 201	4	BIO SCI 202
	NATSCI 202	4	BIO SCI 203
Technical Electives		21	
	Consult a UWM engineering advisor for the best technical elective options based on your career/degree goals.		
Total Credits = minimum 127			

*Discuss GER options with advisor to see which are transferable.