TRANSFER GUIDE

College of Lake County to
Mechanical Engineering – College of Engineering & Applied Science

UWM 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. 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. (MTH 145 at CLC)
2. Complete GER Oral and Written Communication Part A. (ENG 122 at CLC)
3. Complete Intro to Chem with a C or better grade or satisfactory score on the placement test. (CHM 120 at CLC)
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/

	CLC coursework	Cr.	UWM coursework
General Education Requirements (GER)			
Oral and Written Comm Part A	ENG 122^	0-3	ENGLISH 102^
Oral and Written Comm Part B/Humanities		3	ENGLISH 310
Quantitative Literacy Part A	Demonstrated competency*	0-4	Demonstrated competency*
Quantitative Literacy Part B	Met by math requirement below	--	Met by math requirement below
Foreign Language	Demonstrated competency*	0-8	Demonstrated competency*
Art	Various options**	3	Various options**
Humanities (3 additional credits)	Various options**	3	Various options**
Social Science (6 credits)	Various options**	3	Various options**
	Various options**	3	Various options**
Natural Science (6 credits)	Met by coursework w/in major	--	Met by coursework w/in major
Cultural Diversity	Met by above w/ diversity focus**	--	Met by above w/ diversity focus**
Engineering Core			
Intro to Solid Mechanics	EGR 125 & 222	6	CIV ENG 203
Dynamics	EGR 225^	3	CIV ENG 202^
Professional Seminar	EGR 120	1	EAS 200
Engineering Materials		4	MATLENG 201
Basic Engineering Thermodynamics		3	MECHENG 301
Major Requirements			
Intro Stats for Phys Sci & Engr		3	IND ENG 367
Materials/Process Manufacturing		3	MATLENG 330
Computational Tools for Engr		2	MECHENG 101
Engineering Fundamentals I		4	MECHENG 110
Engineering Fundamentals II		3	MECHENG 111
Computer Aided Engineering Lab		2	MECHENG 270
Intro to Dynamic Systems		3	MECHENG 302
Basic Heat Transfer		4	MECHENG 321
Intro to Fluid Mechanics		4	MECHENG 324
Mechanical Design I		3	MECHENG 360
Design of Machine Elements 1		3	MECHENG 364
Adv Mech of Materials & Dsgn Machine Elements 2		3	MECHENG 368
Intro to Mechatronic		3	MECHENG 379
Mechanical Engr Experimentation		3	MECHENG 438
Product Realization **or** Senior Design Project		3	MECHENG 405 **or** MECHENG 496
Math Requirement			
Calc & Analytic Geometry I	MTH 145^	5	MATH 231^
Calc & Analytic Geometry II	MTH 146^	4	MATH 232^
Calc & Analytic Geometry III	MTH 246	5	MATH 233
Analytical Methods in Engr		4	ELECENG 234^
Chemistry Requirement			
Chemistry 1	CHM 121	5	CHEM 102
Physics Requirement			
Physics 1	PHY 123^^	5	PHYSICS 209^^ & 214
Physics 2	PHY 124	5	PHYSICS 210 & 215
Free Electives			
Consult a UWM engineering advisor for exact elective needs and options.		0-15	
Total Credits = minimum 120		120	

A maximum of 72 credits are transferrable to the University of Wisconsin-Milwaukee from two-year technical colleges.
*Can be satisfied by satisfactory placement exam score or coursework. Foreign language may be met by 2 years of HS study.
**Consult Transferology, TED, or discuss GER options with an advisor to see which courses are most appropriate.
^ C or better grade required
^^ C- or better grade required

Updated 10/2021