



TRANSFER GUIDE

College of Lake County to Electrical 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 while at College of Lake County. We highly recommend that students who are interested in transferring contact an Engineering 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. Obtain a minimum grade point as set by the major department. A 3.00 GPA guarantees admission to any CEAS major.

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

Phone: 414-229-4667

Email: ceas-adv@uwm.edu

P.O. Box 784

3200 N. Cramer

Milwaukee, WI 53201-0784

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

	College of Lake Co. 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			
Professional Seminar	EGR 120	1	EAS 200
Fund of Electrical Engineering I		3	ELECENG 101
Intro Embedded Computing I: Dig Logic/Microproc		3	ELECENG 140
Intro Embedded Computing II: C Prog Embed Apps		4	ELECENG 240
Electrical Circuits I	EGR 260	3	ELECENG 301
Major Requirements			
Electrical Circuits II		4	ELECENG 305
Signals & Systems		3	ELECENG 310
Electronics I		4	ELECENG 330
Electronics II		4	ELECENG 335
Embedded Systems I: C & C++ Prog Embed Apps		3	ELECENG 340
Electromagnetic Fields		3	ELECENG 361
Electromechanical Energy Conversion		4	ELECENG 362
Random Signals & Systems		3	ELECENG 420
Capstone Design I		3	ELECENG 596
Capstone Design II		2	ELECENG 597
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 (Calculus-based)	PHY 123 ^{^^}	5	PHYSICS 209 ^{^^} & 214
Physics 2 (Calculus-based)	PHY 124 [^]	5	PHYSICS 210 [^] & 215
Technical Electives			
18 credits	Consult a UWM engineering advisor for the best technical elective options based on your career/degree goals.		
Free Electives			
Up to 6 credits	Consult a UWM engineering advisor for exact elective needs and options.		
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