



## TRANSFER GUIDE

### Harper College to Mechanical Engineering – College of Engineering & Applied Science

#### **Admission Guidelines**

If you have completed 12 credits of transferable course work you will be considered for admission based on a review of your college records. If you have fewer than 12 transferable credits you may be considered for admission based on a review of both your high school and collegiate 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 some selective programs (Peck School of the Arts, School of Architecture and Urban Planning, College of Engineering & Applied Science, College of Nursing) may have additional requirements for direct admission into their majors.

We encourage students to utilize this guide to plan their coursework for their first and second semesters at Harper 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.

#### **Admission to Mechanical Engineering Major Requirements**

1. Complete Calculus 1 with a C or better grade. (MTH 200 at Harper College)
2. Complete GER Oral and Written Communication Part A. (ENG 102 at Harper)
3. Complete Chem 100 with a C or better grade or satisfactory score on the placement test (CHM 110 at Harper).
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 Admission Advisor Contact Information**

Joel Buschmann  
Email: buschma2@uwm.edu  
Phone: 414-229-4318

#### **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/>

	Harper College course		UWM course	
<b>GER requirements</b>				
Oral and Written Part A	ENG 102 (C or better grade)	0	ENG 102	0
Oral and Written Part B	None	0	ENG 310	3
Art*		3		3
Humanities*		3		3
Social Science*		3		3
Social Science*		3		3
Cultural Diversity*		0		0
Foreign Language				
Totals		12		15
<b>Engineering Core</b>				
	EGR 210	3	CIV ENG 201	3
	EGR 211 (C or better grade)	3	CIV ENG 202	3
	EGR 212	3	CIV ENG 303	4
	None		EAS 200	1
	EGR 260	4	ELECENG 301	3
	None		MATLENG 201	4
	None		MECHENG 101	2
	None		MECHENG 110	4
	None		MECHENG 111	4
	None		MECHENG 301	3
	None		MECHENG 320	3
Totals		13		34
<b>Major Requirements</b>				
	None		MECHENG 321	4
	None		IND ENG 367	3
	None		MATLENG 330	3
	None		MECHENG 323	1
	None		MECHENG 360	3
	None		MECHENG 366	4
	None		MECHENG 370	2
	None		MECHENG 438	3
	None		MECHENG 474	4
	None		MECHENG 479	3
			MECHENG 405	3
			or MECHENG 496	3
Totals		0		33
<b>Math Requirements</b>				
	MTH 200 (C or better grade)	5	MATH 231	4
	MTH 201 (C or better grade)	5	MATH 232	4
	MTH 202	5	MATH 233	4
	None	0	ELECENG 234	4
Totals		15		16
<b>Chemistry</b>				
	CHM 121	5	CHEM 102	5
	CHM 122	5	CHEM 104	5
Totals		10		10
<b>Physics Requirements</b>				
	PHY 201	5	PHYSICS 209 & 214	5
	PHY 202	5	PHYSICS 210 & 215	5
Totals		10		10
<b>Technical Electives</b>				
15 credits needed	None		Technical Elective A's	6
	None		Technical Elective B's	6-9
	None		Technical Elective C	0-3
Totals		0		15
<b>Total Credits minimum 128</b>				