

**TRANSFER EQUIVALENCY WORKSHEET**  
**McHENRY COUNTY COLLEGE TO UNIVERSITY OF WISCONSIN-MILWAUKEE**  
**COLLEGE OF ENGINEERING & APPLIED SCIENCE**

<b>UWM General Education Requirements</b>	<b>UWM Equivalent</b>	<b>UWM Required Credits</b>	<b>Comp</b>	<b>Need</b>
<b>Art*</b>		3		
<b>Humanities*</b>		3		
<b>Social Science*</b>		6 <sup>^</sup>		
<b>*Can also be used to satisfy the 3 credit Cultural Diversity requirement</b>				
<b><sup>^</sup> Computer Science &amp; Computer Engineering students should only take 3 credits of Social Science credits at McHenry</b>				
<b><u>MATH</u></b>				
<b>MAT 175</b> Calculus and Analytic Geometry I	Math 231	5		
<b>MAT 245</b> Calculus and Analytic Geometry II	Math 232	5		
<b>MAT 255</b> Calculus and Analytic Geometry III* *Electrical Engineers need to earn a C or better grade	Math 233	4		
<b><u>NATURAL SCIENCE</u></b>				
<b>BIO 263 &amp; 264</b> Human Anatomy & Physiology I & II (Biomedical)	Bio Sci 202 & Bio Sci 203	8		
<b>CHM 164</b> Elementary Chemistry (Biomedical)	Chem 100	4		
<b>CHM 165 &amp; 166</b> General Chemistry I & II (Civil, Computer Engineering, Industrial, Materials, Mechanical) Electrical Engineering students only need to complete CHM 165	Chem 102 & Chem 104	5-10		
<b>PHY 291</b> General Physics I	Phy 209 & 214	4		
<b>PHY 292</b> General Physics II* *Electrical Engineers need to earn a C or better grade	Phy 210 & 215	4		
<b><u>ENGINEERING &amp; COMPUTER SCIENCE COURSES</u></b>				
<b>EGR 151</b> Engineering Graphics (Civil, Industrial, Materials)	Ind Eng 112	4		
<b>EGR 251</b> Engineering Statics (All Engineering majors except Computer Engineering, Electrical)	Civ Eng 201	3		
<b>EGR 252</b> Engineering Dynamics* (All Engineering majors except Computer Eng, Electrical) *Biomedical and Mechanical Engineers need to earn a C or better grade	Civ Eng 202	3		
<b>EGR 260</b> Introduction to Circuit Analysis (All Engineering majors except Civil Engineering)	Elec Eng 301	4		
<b>CSC 121</b> Computer Science I* (Computer Science, Computer Engineering) *Computer Engineers and Computer Science students need to earn a C or better grade	Comp Sci 250	4		
<b>CSC 122</b> Computer Science II* (Computer Science, Computer Engineering) *Computer Engineers and Computer Science students need to earn a C or better grade	Comp Sci 251	4		
<b>Preparatory Coursework in English or Math</b>				
<b>Minimum of a "C" grade is required to move to the next course at</b>				
<b>English 151</b> English Composition I	Eng 101	3		
<b>English 152</b> English Composition II	Eng 102	3		
<b>Math 165</b> College Algebra and Trigonometry	Math 116 & 117	5		

To be admissible to the College of Engineering & Applied Science transfer students typically have earned the following:

\*A grade of a "C" or better Math 175

\* A cumulative grade point average of a 3.0

Majors in the College of Engineering & Applied Science:

Biomedical Engineering

Civil Engineering

Computer Engineering

Computer Science

Electrical Engineering

Industrial Engineering

Materials Engineering

Mechanical Engineering

For more information contact the Office of Student Services at (414) 229-4667 or [ceas-adv@uwm.edu](mailto:ceas-adv@uwm.edu)