

**University of Wisconsin-Platteville /  
Black Hawk College  
Transfer Guide: Engineering**

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**TRANSFER FACTS**

- The University of Wisconsin – Platteville accepts the Associate in Arts and Science degrees from all Illinois Community Colleges. Transferring with either of these degrees will ensure students have met all university general education requirements.
  - All applications receive a comprehensive review. Academic preparation is the primary criteria used in the admissions review process. Transfer students are likely to be admitted if they have a cumulative grade point average (CGPA) of 2.00 or higher in college transfer courses and are in good standing at the institution they are currently attending or have attended.
  - Applicants must have 12 or more transferable credits from an accredited institution to be considered for admission as a transfer. Applicants with fewer than 12 credits must meet new freshman admission requirements.
  - Grades of “D” do transfer; however, some major and most engineering courses require a minimum grade of “C”. Students begin a new GPA upon admission to University of Wisconsin--Platteville.
  - Students completing the AA/AS degree will have the foreign language requirement waived. Students transferring without the AA/AS degree will be required to complete one semester of a single foreign language unless they met the requirement by completing one year of high school foreign language with a grade of “C” or better.
  - Students are encouraged to apply early to ensure advance registration. For fall admission, students are encouraged to apply by January 1. For spring admission, students are encouraged to apply by September 1.
  - Students admitted to the university must also have a score of 22 or higher on their math ACT or a grade of “C” or better in Calculus I (Math 2640) to gain admission into General Engineering. Students who do not meet this engineering standard will remain in “pre-engineering” until obtaining a “C” or better in Calculus I (Math 2640).
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- View academic planning guides for Engineering majors at: <http://www.uwplatt.edu/general-engineering>

**General Engineering Required Courses**

<b>Black Hawk Course</b>	<b>UWP Equivalent</b>
MATH 124—Calculus I With Analytic Geometry <sup>1</sup>	Math 2640—Calculus and Analytic Geometry I
MATH 225—Calculus II With Analytic Geometry <sup>1</sup>	Math 2740—Calculus and Analytic Geometry II
MATH 226—Calculus III With Analytic Geometry	Math 2840—Calculus and Analytic Geometry III
MATH 235—Differential Equations	Math 3630—Differential Equations
PHYS 201—General Physics	Physics 2240—General Physics I
PHYS 202—General Physics	Physics 2340 General Physics II (CE, EE, EP, ME, SE)
CHEM 101—General Chemistry I <sup>2</sup>	Chemistry 1140—General Chemistry I
CHEM 102—General Chemistry II <sup>2</sup>	Chemistry 1240—General Chemistry II
ENG 101—Composition I	ENGLISH 1130 - Freshman Composition I
ENG 102 - Composition II	ENGLISH 1230 – Freshman Composition II
GE 101—Engineering Graphics and Geometry	GENENG 1320—Engineering Computer Graphics (CE, EE; IE <sup>3</sup> )
GE 201—Analytical Mechanics Statics	GENENG 2130—Engineering Mechanics—Statics
GE 202—Analytical Mechanics Dynamics	GENENG 2230—Engineering Mechanics—Dynamics (CE, ME <sup>4</sup> )
CS 121—Introduction to Computer Science	COMPUTER 1430 (needed for SE, EE and EP)
CT 210—Fluid Mechanics	CIVILENG 3300—Fluid Mechanics (CE, EP)

**Notes:**

- 1: Students must take BOTH MATH 124 and 225 to receive credit for Calc I and Calc II at UWP
- 2: CHEM 101 and 102 combine to satisfy the CHEM 1450 Chemistry for Engineers requirement at UWP
- 3: IE can choose between GENENG 1320 and GENENG 2030
- 4: Elective for EE and IE

**ADMITTANCE TO ENGINEERING MAJORS**

- Engineering students at UW-Platteville are advised in the General Engineering (GE) Department until they have completed a set of core courses with a satisfactory GPA. The courses and core GPA requirement vary by intended engineering major as shown below.

**General Engineering Program Requirements**

Engineering Major	CHEMISTRY 1450	ENGLISH 1130	GENENG 1000	GENENG 1030	GENENG 1230	GENENG 2030	MATH 2640	MATH 2740	MATH 2730	PHYSICS 2240	COMPUTER 1430	Core GPA requirement to gain entry into respective professional programs:
Civil	X	X	X	X	X		X	X				2.60
Electrical	X	X	X	X			X	X				2.50
Eng. Physics	X	X	X	X		X	X	X				2.40
Environmental	X	X	X	X	X		X	X				2.60
Industrial	X	X	X	X	*	*	X	X				2.20
Mechanical	X	X	X	X		X	X	X		X		2.70
Software		X	X	X			X	X	X		X	2.30

\* Select either GENENG 1320 or 2030

- Twice a year, each degree-granting department establishes a minimum Core Grade Point Average (CGPA) required for admission to its program(s). Admission to a specific program is based on the program CGPA requirement in effect during the semester in which the student completes the GE requirements.
- While grades in transfer classes do not count in a student's official UW-Platteville GPA, these grades will be used when calculating a student's CGPA.
- A student who completes the GE core courses and does not achieve the program's minimum CGPA criterion may be admitted to that program by the department chair if space is available.
- Once enrolled in Math 2640 at UW-Platteville, or once enrolled at UW-Platteville, whichever is later, a student must successfully complete the GE program requirements before accumulating 60 or more credits at UW-Platteville. Students who fail to meet the CGPA of their professional program within the 60-credit limit will be dismissed from engineering.

**ABBREVIATIONS**

CE=Civil Engineering                      EE=Electrical Engineering                      EP=Engineering Physics  
 Env=Environmental Engineering                      IE=Industrial Engineering                      ME=Mechanical Engineering  
 SE=Software Engineering

CGPA = Core GPA