

General Education Plan for Electrical Engineering Program

The new IPFW General Education Requirements for the Electrical Engineering program is provided below. The complete list of courses in each category can be found at the IPFW bulletin page: <http://bulletin.ipfw.edu/content.php?catoid=31&navoid=796>

| category | competency | course | credit hours |
|-----------------------------|------------|--|--------------|
| A | 1 | ENG W131 Elementary Composition | 3 |
| A | 2 | COM 114 Fundamentals of Speech | 3 |
| A | 3 | MA 165 Analytical Geometry and Calculus I MA 166 Analytical Geometry and Calculus II | 4 4 |
| B | 4 | CHM 115 General Chemistry I PHYS 152 Mechanics | 4 5 |
| B | 5 | select from the list of approved courses (all Competency outcomes must be met) | 3 |
| B | 6 | select from the list of approved courses (all Competency outcomes must be met) | 3 |
| B | 7 | PHYS 251 Heat, Electricity, and Optics | 5 |
| C | 8 | ECE 405 Senior Design I | 3 |
| total credit hours = | | | 37 |

- 1) This plan satisfies the competency requirements and the credit hour requirement.
- 2) Adopting this plan reduces the number of required credit hours for the B.S. degree by six credit hours.
- 3) If a student selects a course from categories B5 or B6 that meets only some outcomes but not ALL, the student will be required to take another course from these categories that meet the remaining competency outcomes.

Revised: February 22, 2016

Effective: Fall 2016