

August 2008 – (March 2009, new numbers added)

**TRANSFER EVALUATION AND CHECK-OFF FORM  
ELECTRICAL ENGINEERING PROGRAM  
ELECTRICAL AND ELECTRONIC ENGINEERING MAJOR**

SEMESTER 1 (18 cr)	MU CR	TR CR	GR	COMMENT	SEMESTER 2 (16 cr)	MU CR	TR CR	GR	COMMENT
CHEM 1 <sup>b</sup>	4				Core elective <sup>c</sup>	3			
MATH 80 <sup>b</sup>	4				MATH 81 <sup>b</sup>	4			
Core Rhetoric 1 <sup>f</sup>	3			ENGL 1	Core Rhetoric 2 <sup>f</sup>	3			ENGL 2 or COMM 11
Core elective <sup>c</sup> or THEO 1 <sup>b</sup>	3				<b>GEEN 2</b>	<b>2</b>			
<b>GEEN 1</b>	<b>2</b>				COEN 51	3			
GEEN 22	2				GEEN 52	1			
					EECE 1	0			
SEMESTER 3 (18 cr)				was	SEMESTER 4 (18 cr)				Was
MATH 2450	4			MATH 82	MATH 2451	4			MATH 83
PHYS 1003 <sup>b</sup>	4			PHYS 3 <sup>b</sup>	PHYS 1004 <sup>b</sup>	4			PHYS 4 <sup>b</sup>
PHIL 1001 <sup>b</sup>	3			PHIL 50 <sup>b</sup>	THEO 1001 <sup>b</sup> or Core Elective <sup>c</sup>	3			THEO 1 <sup>b</sup> or Core Elective <sup>c</sup>
EECE 2710 <sup>1</sup>	3			COEN 30	EECE 3010 <sup>1</sup>	3			EECE 10 <sup>1</sup>
EECE 2010 <sup>1</sup>	3			EECE 11 <sup>1</sup>	ELEN 2020 <sup>1</sup>	3			EECE 12 <sup>1</sup>
EECE 2015 <sup>1</sup>	1			EECE 41 <sup>1</sup>	EECE 2035	1			EECE 42
GEEN 2952	0			GEEN 3					
SEMESTER 5 (17 cr)				Was	SEMESTER 6 (16 cr)				Was
EECE 2030 <sup>1</sup>	4			EECE 112 <sup>1</sup>	ELEN 3030 <sup>1</sup>	4			EECE 111 <sup>1</sup>
ELEN 3020	4			EECE 113	ELEN 3120	3			EECE 122
ELEN 3110 <sup>1</sup>	4			EECE 121 <sup>1</sup>	ELEN 3210	3			EECE 123
ELEN 3025 <sup>1</sup>	2			EECE 141 <sup>1</sup>	EECE 3015	2			EECE 143
PHIL2310 <sup>b</sup>	3			PHIL104 <sup>b</sup>	CEEN 2122	4			CEEN 22
SEMESTER 7 (17 cr)				Was	SEMESTER 8 (15 cr)				
ELEN 4430	3			EECE 114	EECE 4998	3			EECE 147
ELEN 3035	2			EECE 142	EECE/TECH ELEC <sup>2</sup>	3			
ELEN 4920	3			EECE 146	SCI/MATH Elec <sup>4</sup>	3			
Design Elec <sup>3</sup>	3				Core Elective <sup>c</sup>	3			
Theology Elective <sup>c</sup>	3				Core Elec <sup>c</sup> /Free Elec <sup>d</sup>	3			
MATH 4720	3			MATH 164	<b>TOTAL CREDITS</b>	<b>134</b>			

UCCS Requirement	Course Number/Title	Semester taken
Diverse Cultures (DC)		
Histories of Culture & Societies (HCS)		
Individual & Social Behavior (ISB)		
Literature & Performing Arts (LPA)		

## **DEGREE REQUIREMENTS INCLUDE:**

- Every required course
- Approved elective program.
- A "C" (2.0) or more average at Marquette
- A "C" (2.0) or more average in engineering courses
- A minimum of 134 semester hours
- No course may be taken for credit without the required prerequisite(s)
- All substitutions and/or departures from stated curriculum must be approved in writing in advance

### **Notes:**

#### ***University Core of Common Studies:***

- a. Refer to the College of Engineering section of this bulletin for details relating to footnotes b, c, d, e, and f.  
~~~~~ in College section ~~~~~
- b. This course satisfies requirements of the University Core of Common Studies.
- c. The Core Electives must satisfy University Core Requirements in the following four Knowledge Areas: Diverse Cultures, Histories of Cultures and Societies, Individual and Social Behavior, and Literature/Performing Arts. See the section on University Core of Common Studies for lists of acceptable courses. Only one of these courses can be a “dual application course”.
- d. If the previous Core Electives span all four Knowledge Areas (as listed in the previous footnote), a three-credit free elective may be chosen. This situation will exist if one of the student’s core electives is a “dual application” core course, as described in the section on the University Core of Common Studies.
- e. The Theology Elective must be selected from the list of approved Core courses in the Theology Knowledge Area. See the section on University Core of Common Studies.
- f. The Core Rhetoric 1 requirement is to be fulfilled by ENGL 1; the Core Rhetoric 2 requirement is to be fulfilled by either ENGL 2 or COMM 11.

#### ***Department Notes:***

1. A “C” or better grade is required in these courses to meet the prerequisites for subsequent computer and/or electrical engineering required courses.
2. These electives will normally be upper division electives (100-199 level courses) in EECE, COEN, COSC, MATH, PHYS and/or CHEM. Other courses may be acceptable with prior approval of the department.
3. This elective must be chosen from EECE 150, 153, 157, 164, 166, 173, 174, 175, 176, 181, 182, 185, 186, 187; COEN 151, 157, 164, 171, 182; and (EECE 145, 168, 195 and COEN 167, 168 and 195 with department approval as a design elective).
4. The science/math elective can be fulfilled with any upper division math or physics course or any biology or chemistry course for which the prerequisite requirements are met.