

Criterion 3 Matrix for ECE Courses

Courses and Activities Mapped to BS in Computer Engineering Outcome Set (EAC/ABET)

| | Program Outcome 3a | Program Outcome 3b | Program Outcome 3c | Program Outcome 3d | Program Outcome 3e | Program Outcome 3f | Program Outcome 3g | Program Outcome 3h | Program Outcome 3i | Program Outcome 3j | Program Outcome 3k |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Courses and Learning Activities | | | | | | | | | | | |
| ECE 160 Introduction to Engineering | | | | | | C | D | C | | | |
| ENGR 207 Electric Circuits | | D | | C | | | | | | | |
| CMPS 224 Assembly Language Programming | I | | | | D | | | | | | |
| CMPS 295 Discrete Structures | C | | | | | | | | | | |
| ECE 304 Signals and Systems I | C | | | | C | | | | | | D |
| ECE 307 Analog Circuits | | C | | | C | | | | | C | C |
| ECE/CMPS 320 Digital Circuits | | C | | | | | D | | | | C |
| CMPS 321 Computer Architecture | C | | D | | | | | | | D | D |
| ECE/CMPS 322 Digital Design with VHDL | | C | | | C | | | | I | | C |
| ECE 330 Signals and Systems II | C | | | | C | | | | | | I |

| | Program Outcome 3a | Program Outcome 3b | Program Outcome 3c | Program Outcome 3d | Program Outcome 3e | Program Outcome 3f | Program Outcome 3g | Program Outcome 3h | Program Outcome 3i | Program Outcome 3j | Program Outcome 3k |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| ECE 332 Fields and Waves | C | D | | | C | | | | | | |
| ECE 337 Fundamentals of Power Systems | | | C | | | | C | | | C | |
| CMPS 360 Operating Sytems | | | C | | | | | | | | |
| ECE/CMPS 420 Embedded Systems | | C | | | | | D | | C | | C |
| ECE 423 Digital Communications | | C | C | | | | | | | | C |
| ECE 490A & 490B Senior Project I & II | | | | C | | C | C | | C | C | |

Legend: I Introduced D Developed and Practiced C Competent M Demonstrated at Mastery Level

Last Modified: 04/11/2013 11:21:50 PM MDT