

Bachelor of Science Computer Engineering 2018-2019 Catalog

DIGITAL CIRCUITS

| SEMESTER | | Fall |
|-----------------------|-------------------------|-------|
| Course No. | | Hours |
| SPC 1603C | Technical Presentations | 3 |
| *MAC 2311C | Calculus I | 4 |
| Historical Foundation | | 3 |
| EGS 1006C | Intro to Eng Profession | 1 |
| *CHS 1440 | Principles of Chemistry | 4 |
| | | 15 |

| SEMESTER | | Fall |
|-----------------------|--------------------------|-------|
| Course No. | | Hours |
| *MAC 2313 | Calculus III | 4 |
| *PHY 2049C | Physics II for Engineers | 4 |
| *EGN 3211 | Eng. Analysis & Comp. | 3 |
| Historical Foundation | | 3 |
| | | 14 |

| SEMESTER | | Fall |
|-------------------|---------------------|-------|
| Course No. | | Hours |
| *COP 3330 | Obj Oriented Prog | 3 |
| *COP 3502C | Computer Science I | 3 |
| EEE 3307C | Electronics I | 4 |
| STA 3032 | Prob & Stat for Eng | 3 |
| Social Foundation | | 3 |
| | | 16 |

| SEMESTER | | Fall |
|-----------------------------|-----------------|-------|
| Course No. | | Hours |
| EEL 4914 | Senior Design I | 3 |
| Senior Elective | | 3 |
| Approved Technical Elective | | 3 |
| Approved Technical Elective | | 3 |
| Approved Technical Elective | | 3 |
| | | 15 |

| SEMESTER | | Spring |
|------------|---------------------------|--------|
| Course No. | | Hours |
| ENC 1101 | Composition I | 3 |
| EGN 1007C | Eng Concepts & Method | 1 |
| *MAC 2312 | Calculus II | 4 |
| *PHY 2048C | Physics I for Engineers | 4 |
| COT 3100C | Intro Discrete Structures | 3 |
| | | 15 |

| SEMESTER | | Spring |
|--------------------|------------------------|--------|
| Course No. | | Hours |
| *MAP 2302 | Differential Equations | 3 |
| *EEE 3342C | Digital Systems | 3 |
| *EEL 3004C | Electrical Networks | 3 |
| ENC 1102 | Composition II | 3 |
| Science Foundation | | 3 |
| | | 15 |

| SEMESTER | | Spring |
|-----------------|-----------------------|--------|
| Course No. | | Hours |
| *COP 3503C | Computer Science II | 3 |
| EEL 4742C | Embedded Systems | 3 |
| EEL 4768 | Computer Architecture | 3 |
| Senior Elective | | 3 |
| EEL 3926L | Junior Design | 1 |
| ECO 2013 | Macroeconomics | 3 |
| | | 16 |

| SEMESTER | | Spring |
|-----------------------------|-------------------|--------|
| Course No. | | Hours |
| EEL 4781 | Cmp Comm Networks | 3 |
| EEL 4915L | Senior Design II | 3 |
| Approved Technical Elective | | 3 |
| Approved Technical Elective | | 3 |
| | | 12 |

| SEMESTER | | Summer |
|------------|--|--------|
| Course No. | | Hours |
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| SEMESTER | | Summer |
|---------------------|--------------------|--------|
| Course No. | | Hours |
| *EEL 3123C | Networks & Systems | 3 |
| *EEL 3801C | Comp. Organization | 4 |
| Cultural Foundation | | 3 |
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| SEMESTER | | Summer |
|--------------------------------------|--|--------|
| Course No. | | Hours |
| Internship or Co-operative Education | | |
| is encouraged | | |
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| SEMESTER | | Summer |
|------------|--|--------|
| Course No. | | Hours |
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* Requires a Grade of C or Better