**College:** *Engineering & Computer Science*

**Degree:** *BS – Bachelor of Science*

**Major:** *Computer Engineering\**

| Term # | Course Name | Course Title | Units |
|--------|-------------|--------------|-------|
| 5 | CSC 130 | Data Structures and Algorithm Analysis | 3 |
| | CPE 185 | Computer Interfacing | 4 |
| | ENGR 140 | Engineering Economics | 2 |
| | CPE 166 | Advanced Logic Design | 4 |
| | EEE 117 | Network Analysis | 3 |
| | EEE 117L | Networks Analysis Laboratory | 1 |
| | | Semester Total | 17 |
| 6 | CPE 187 | Embedded Systems Design | 3 |
| | CPE 142 | Advanced Computer Organization | 3 |
| | EEE 108 | Electronics I | 3 |
| | EEE 108L | Electronics I Laboratory | 1 |
| | X | American Institutions (GOVT) | 3 |
| | EEE 180 | Signals & Systems | 3 |
| | | Semester Total | 16 |
| 7 | CPE 151 | CMOS and Digital VLSI Design | 3 |
| | CSC 139 | Operating System Principles | 3 |
| | CPE 190 | Senior Design Project I | 2 |
| | ENGR 120 | Probability and Random Signals | 3 |
| | X | American Institutions (US HIST) | 3 |
| | CPE 138 | Computer Networking Fundamentals | 3 |
| | | Semester Total | 17 |
| 8 | CPE 191 | Senior Design Project II | 2 |
| | X | CPE ELECTIVE-I | 3 |
| | X | CPE ELECTIVE-II | 3 |
| | X | Upper Division General Education Requirement Area C + Writing Intensive | 3 |
| | X | Elective | 3 |
| | | Semester Total | 14 |