Bachelor of Science in Engineering - Computer Engineering
2012-14 CATALOG

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SOPHOMORE YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALL SEMESTER</strong></td>
<td><strong>SPRING SEMESTER</strong></td>
</tr>
</tbody>
</table>
| **@ENG 101 (3)**  
**PREREQUISITE**  
ENG 98 or PLACEMENT EXAM | **@ENG 102 (3)**  
**PREREQUISITE**  
ENG101 |
| **@MATH 181 (4)**  
**PREREQUISITE**  
MATH 127 OR 128 | **@MATH 182(4)**  
**PREREQUISITE**  
MATH 181 |
| **@CHEM 121/L (4)**  
**PREREQUISITE**  
CHEM PLACEMENT TEST or CHEM 103  
COREQUISITE  
MATH 127 OR 128 OR HIGHER | **@PHYS 180/L (4)**  
**PREREQUISITE**  
MATH 181 |
| **@CS 135/L (3)**  
**PREREQUISITE**  
MATH 127 OR MATH 128 OR HIGHER | **@CS 202 (3)**  
**PREREQUISITE**  
CS135/L |
| **@FRESHMAN SEMINAR (2)**  
EGG 101/L RECOMMENDED | **@CPE 100 (3)**  
**PREREQUISITE**  
CPE 100 & (CS 117 OR CS135) |
| **@SOPHOMORE SEMINAR (3)** | **@CPE 260 SIGNALS AND SYSTEMS (3)**  
**PREREQUISITE**  
MATH 182 |
| **@CPE 200/L (4)**  
**PREREQUISITE**  
PCE 100 | **@EE 221/L (4)**  
**PREREQUISITE**  
EE 220 & (CS 117 OR CS 135) |

* INDICATES COURSES OFFERED IN FALL
@ INDICATES COURSES OFFERED IN SPRING
# INDICATES COURSES OFFERED IN SUMMER
# Bachelor of Science in Engineering - Computer Engineering

## 2012-14 CATALOG

### JUNIOR YEAR

#### FALL SEMESTER

- **@EE 320/L (4)**
  - PREREQUISITE: EE 221/L, MATH 431, CHEM 121/L, PHYS 181/L

#### SPRING SEMESTER

- **@CPE 301 (3)**
  - PREREQUISITE: CPE 300 AND CS 218

### SENIOR YEAR

#### FALL SEMESTER

- **@CPE CORE AREA #1 COURSE #1 (3)**
  - NOTE: REQUIRES ADVANCED STANDING

#### SPRING SEMESTER

- **@CPE CORE AREA #1 COURSE #2 (3)**
  - NOTE: REQUIRES ADVANCED STANDING

### Course Offerings

- **@CPE 300 (3)**
  - PREREQUISITE: CPE 200

- **@CS 370 (3)**
  - PREREQUISITE: CS 302 & CS 219 OR CPE 300

- **@CPE 410 (3)**
  - PREREQUISITE: CPE 200

- **@#STAT 411 (3)**
  - PREREQUISITE: MATH 283

- **@MATH/SCIENCE PROFESSIONAL ELECTIVE (3)**
  - NOTE: REFER TO APPROVED LIST OF MATH/SCIENCE

- **@#EEG 307 (3)**
  - PREREQUISITE: INTRO COURSE IN MAJOR AND 30+ CREDITS

- **@#COM 216(3)**

- **@EE 320/L (4)**
  - PREREQUISITE: EE 221/L, MATH 431, CHEM 121/L, PHYS 181/L

- **@CPE 301 (3)**
  - PREREQUISITE: CPE 300 AND CS 218

- **@CPE CORE AREA #2 COURSE #1 (3)**
  - NOTE: REQUIRES ADVANCED STANDING

- **@@#SCIENCE #1 COURSE #2 (3)**
  - NOTE: REQUIRES ADVANCED STANDING

- **@#EE/CPE PROFESSIONAL ELECTIVE #1 (3)**
  - NOTE: REFER TO APPROVED LIST OF EE/CPE ELECTIVES

- **@#EE/CPE PROFESSIONAL ELECTIVE #2 (3)**
  - NOTE: REFER TO APPROVED LIST OF EE/CPE ELECTIVES

- **@#EE/CPE PROFESSIONAL ELECTIVE #3 (3)**
  - NOTE: REFER TO APPROVED LIST OF EE/CPE ELECTIVES

- **@EE/CPE LAB (1)**
  - NOTE: REQUIRES ADVANCED STANDING & COURSE

- **@EE 497 (1)**
  - PREREQUISITES EE 190 & CONSENT OF FACULTY MENTOR COREQUISITE EE 494

- **@#FINE ARTS ELECTIVE (3)**
  - NOTE: REFER TO THE 2012-14 CATALOG

- **@#GEN_ ED REQ. (3)**
  - SOCIAL SCIENCE (MULTI) NOTE: REFER TO THE 2012-14 UNIVERSITY CATALOG

- **@#PHIL 242 (3)**

- **@#GEN_ ED REQ. (3)**
  - SOCIAL SCIENCE (MULTI) NOTE: REFER TO THE 2012-14 UNIVERSITY CATALOG

- **@#COM 216(3)**