## Electrical Engr & Computer Sci
### Electrical Engineering And Computer Science (EECS)

It is critical that students attend classes from the beginning of the term. Even though students may be registered officially for a course, the Electrical Engineering and Computer Science Department may give away a student's place in a class if they do not attend the first week of lectures and labs/discussions (as appropriate) for any EECS courses.

At the same time, the EECS Department is not obligated to withdraw students officially from the course. Even though the student has been informed that their placement in a course has been taken away, students are responsible for the accuracy of their schedules and must be sure that all drops are processed through the registration system during the normal drop/add period.

### 163 Elem Prog Concepts

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Students must elect discussion and lecture sections.

Students are auto-enrolled in lecture 002 when they elect a DIS 021 or DIS 022. (Department endeavors to admit all students on the 215 waitlist.) Students must elect discussion and lecture sections.

### 203 Discrete Math

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Students must elect discussion and lecture sections.

Students are auto-enrolled in lecture 001 when they elect a DIS 011. (Department endeavors to admit all students on the 215 waitlist.) Students must elect discussion and lecture sections.

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**216 Intro Signals & Syat**

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**STUDENTS MUST ELECT LAB AND LECTURE SECTIONS.** (Department endeavors to admit all students on the 216 waitlist.)

**STUDENTS MUST ELECT LAB AND LECTURE SECTIONS.**

**220 Electromagnetics I**

**270 Intro Logic Design**

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<td>&quot;3 CREDITS for Lec 005&quot;, Prerequisites for Lec 005: Some experience creating mobile/web apps or Permission of the instructor</td>
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<td>To take 427 one must enroll in Lab 011 and Lecture 001. Due to enrollment limitations in Fall, Lab 011 does not permit a waitlist. So if you are unable to register for Lab 011 at this time, please wait list for Lab 012 and the instructor will review individual situations when the term starts.</td>
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<td>Prerequisites: Senior standing or above (CS Major). Only CS-Eng and CS-LSA UGs are able to enroll in this course, or wait list, if the course is full.&quot;</td>
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|        | Prerequisites: Senior standing or above (CS Major). "Only CS-Eng and CS-LSA UGs are able to enroll in this course, or wait list, if the course is full."
| 25276  | P RW LEC 002 MW 430-6PM      | 4.00| ENFORCED      | Soloway |
| 20264  | A R L EC 001 TTH 3-430PM     | 4.00| ENFORCED      | Johnson-Roberson |
| 20265  | P RW DIS 011 W 330-430PM     | 4.00| ENFORCED      | 1311 EECS |
| 452    | DSP Design Lab               | 4.00| ENFORCED      | Wakefield |
| 455    | Digital Comm Signal         | 4.00| ENFORCED      | 1003 EEECS |
| 458    | Biomed Instrum Des          | 4.00| ENFORCED      | Stark    |
| 460    | Con Sys Anly&s&Op            | 4.00| ENFORCED      | Meerkov  |
| 461    | Embedded Control             | 4.00| ENFORCED      | Wenisch  |
| 470    | Comp Architecture            | 4.00| ENFORCED      | Wenisch  |
| 475    | Intro Cryptography           | 4.00| ADVISORY, ENFORCED | 16441142 |
| 477    | Intro to Algorithms          | 4.00| ADVISORY, ENFORCED | 16441142 |

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A LAB.

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. Students who do not meet major restrictions can request permission for this course on or after April 21, 2016 through the CSE Undergraduate Advising Office. 2026 S profitable.

To enroll in EECs 443, a student must have had their CS-LSA Honors Thesis application approved by a Faculty Mentor and the CS-LSA CPA. Paperwork can be obtained from the CSE Undergraduate Advising Office, 2808 Beyster Bldg. Once approved, a course permission will be issued to a student under their faculty mentor's section number.

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. Course will open to EE UG and ECE Grad on Thursday, April 14, 2016.
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**Total Credits:** 142

*3 CREDITS for Lec 001 * Prerequisites for Lec 001: (EECS 320 or equivalent) or graduate standing

*3 Credit Hours for Lec 002*, Prerequisites for Lec 002: EEC 362 or (EECS 360 + Permission of Instructor)

*3 Credit Hours for Lec 003*, Prerequisites for Lec 003: EEC 330

*3 Credit Hours for Lec 004*, Prerequisites for Lec 004: EEC 463

*3 Credit Hours for Lec 005*, Prerequisites for Lec 005: EEC 370, EEC 482 or Graduate standing
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**Robot Modeling and Control**

"3 Credit Hours for Lec 009", Prerequisites for Lec 009: Linear Algebra (Math 214, 217, 417, 419, or equivalent) and Data Structures and Algorithms (EECS 281 or equivalent)

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**Mining Large-scale Graph Data**

"4 Credit Hours for Lec 004 and Dis 041", Prerequisites for Lec 004 and Dis 041: basic knowledge of linear algebra, programming (e.g., Python, JAVA, Matlab, R), and machine learning. STUDENTS ARE AUTO-ENROLLED IN LECTURE 004 WHEN THEY ELECT A DIS 041.

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**Adv Topics in Electric Drives**

"4 Credit Hours for Lec 007 and Lab 071", Prerequisites for Lec 007 and Lab 071: EECS 560 (co-requisite), Lab time will determined based on student schedules when term starts. STUDENTS ARE AUTO-ENROLLED IN LECTURE 007 WHEN THEY ELECT A LAB 071.