

Computer Engineers:

Oct 2009 Nov 2009

If you planned to take CS1122 and CS1721 in Spring 2010, enroll in CS1090, 3 cr. Instead.

If you took CS1131 in Fall 2009, **Enroll in CS1721 in Spring 2010.**

Beginning Fall 2010:

CS1122 will become a 3 credit class.

CS1131 (4 cr) becomes a 5 credit class.

CS1721 becomes obsolete - material rolled into other CS courses.

CS2141 becomes CS1141.

Computer Architecture: EE4431(4 cr.) becomes EE4173 (3 cr.) Pre-req will be EE3173 **IMPORTANT**

If you do not take EE4431 by spring 2010, you will be required to complete EE3173 before EE4173. One credit of 'free elective' will be needed.

You may substitute CS3411, Systems Programming, plus one credit 'free elective' for CS4411, Operating Systems, 4 credits.

July 2009

Beginning Fall 2009, (EE3173 or EE4431) and (EE3130 or EE3305) is a pre-requisite to ENT4950, enterprise project work for senior design credit, (same preqs for EE4901). A permission form is required to enroll in ENT4950 which verifies you are "senior design ready" and documents meeting senior design objectives for ABET accreditation. Get the form from your enterprise faculty advisor.

Spring 2008 was the last offering of EE3175 and EE3970. If you did not get these courses, you will take EE4431 (4 Cr) instead, in a future semester. CS3421 is the pre-requisite to EE4431. If you took EE2171 instead of EE2173, and did not take EE3175 & 3970, you will need 1 credit of free elective.

EE 2171: Last offering of 2 credit Digital Systems class is Summer 2008. **EE2173**, Digital Systems- 3 credits, will replace EE2171 beginning Fall 2008.

If you took CS1131 in place of CS1121 and CS1122, one credit of 'free elective' may be needed to meet overall degree requirements. Check with the advisor 2 semesters prior to graduation.

CS3911 is a required course offered only in Fall semesters. It is suggested in fall semester of your Junior year. Consider this when planning a **co-op** or **study-abroad** semester.

Plan ahead for the CpE Technical Electives you want to take. Read your Yellow Sheets carefully. Make sure you know pre-requisite chains. [Helpful Pre-req chart](#), due to abundance of arrows, read footnotes for complete pre-req information.

Check all pre-requisites for your courses, especially if you get "Off Track".

Path C Students: You must begin path C in your first semester here. Many Transfer students are eligible for the Path C option. Take 6 credits of technical or computing electives in place of the first-year engineering courses. At least 3 credits must be engineering topics. See advisor for details. (For CpE/EE double majors, 6 credits need to be Engineering Topics) If you plan a double major with EE or changing your major to EE, 6 credits must be engineering courses.

General Distribution requirement: Computer Engineers who began Fall 2005 or later:

One of your general distribution courses must be from this list: **SS3520, SS3530, SS3630, SS3640, SS3800.** (Institutions list)

Plan to take one of these courses before you graduate. Double majors CpE/EE must also complete this requirement.

SS3640 is on the new HASS Supplemental List. You may take no more than 3 credits from the HASS supplemental list (applies to students using Fall 2008 or later requirements).

SS 3640 - Selected Topics in Cyber-Law Offered Fall 2009, alternating yrs. HASS Supplemental course.

NEW EE courses - CpE Technical Elective Credit, starting 2009-2010: See [course descriptions](#) for details.

Embedded Systems track and Theory Track:

EE3180 – Introduction to Probability and Random Signal Analysis

Other additions that are fairly recent:

EE 4732 - Real-Time System Design 3 cr, Fall, Embedded Systems Track

EE 4735 - Embedded System Programming using Sensor Networks and Mobile Robots, 3 cr, Spring

EE4723 – Computer & Network Security, Embedded Systems and General Purpose tracks

CS4760 – Human-Computer Interactions, General Purpose track

ECP undergraduate advisor: Judy Donahue, EERC 131