

Electrical & Computer Engineering Department

ADVISING INFORMATION

EECE APPROVED ELECTIVES

Art Elective: MUS Any course not voice or instrument (recmd:300,301,302,303,304,308,360,362) VIAR Any course (recommended: 120,121,122) THEA Any course (recommended: 161,261) DANC Any course (recommended: 101,102) ARCH 100, 221	
Literature Elective: ENGL Any course that focuses on literary texts (recommended: 201,202,203,204, 205,206,215,216,312,320,321,322,333,335,341,342,372,380) GERM 202,311,405(G),441(G),442(G),471,472 FORL 331,332 FREN 201,311,431(G),441(G),471,472,481(G),491(G),492(G) SPAN 203,311,441(G),442(G),480(G) LATN 301,302	
History Elective: HIST All history courses <u>except</u> HIST390 (recommended:101,102,103,104,221,222,223,224,321,322)	
Biological Science Elective: BIOL 110,111,121,122, 300,303,304,306	
Science Lab Elective: BIOL 103,104,123,124; PHYS 215,216	
BASIC OPTION	COMPUTER ENGR. OPTION
Technical Elective: Any 400 level EECE course ENGR 203,304, 313 CHEE 317,402(G) MATH 362,381,440(G),475(G),481(G) Other with prior approval by dept. head	Computer Elective: EECE: 333,452,466 CMPS 352 MATH 362,381,440(G),475(G),481(G) MATH 483(G), 485(G),495(G) Other with prior approval by dept. head
EECE Elective: EECE 430, 451,459,466,479 CMPS 261,352 Other with prior approval by dept. head	

COURSES REQUIRING A "C" OR BETTER GRADE (applies to all options)

COURSE	Minimum Grade	COURSE	Minimum Grade
EECE 140	C	CMPS 260	C
EECE 240 (341)	C	MATH 105	C
EECE 335	C	MATH 140*	C
EECE 353	C	MATH 270	C
EECE 355	C	MATH 301	C
EECE 356	C	MATH 350	C
CMPS 150	C	PHYS 202	C

* Or MATH 143, as advised

FALL SEMESTER ONLY & SPRING SEMESTER ONLY COURSES

<u>Fall Semester Only Courses</u>	
EECE 428	EECE 451
EECE 430	EECE 452

<u>Spring Semester Only Courses</u>	
EECE 434	EECE 459
EECE 435	EECE 466
EECE 458	EECE 479

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APPROVED COURSE SUBSTITUTIONS

1. EECE 435 TELECOMMUNICATIONS II & EECE 428 TRANSMISSION MEDIA:

Telecommunication Option course prerequisite and corequisite requirements:

EECE 452 Comm Engr I: prerequisite EECE 356	EECE 435 Tlcm II: corequisite EECE 458
EECE 458 Comm Engr II: prerequisite EECE 452	EECE 428 Trans Media: corequisite EECE 458

If student is unable to take both 435 and 428 due to unavoidable scheduling problems, he or she may request that one of the two be replaced by a 400 level EECE course. The request must be **in writing, justified and approved** by the department head.

2. EECE 413

Will not be offered. EECE 434 will substitute for EECE 413.

EECE 443 Design I Prerequisite Requirements

1. Completion of **all Freshmen and Sophomore courses** in curriculum
2. Completion of the **Electrical Circuits sequence**: EECE 355, EECE 356, (EECE 444 is a Co-requisite)
3. Completion of the **Electronics sequence**: EECE 335, and EECE 353* (Both with a C)
4. Completion of the **Digital Systems sequence through** EECE 340

Notes:

1. Completion of EECE 353 with a C or better is the preferred option. However, at the discretion of the advisor and the EECE 443 instructor, an exception can be made allowing concurrent registration in EECE 443 and EECE 353. A letter of appeal, signed off by the department head, must be in the student's folder. In any case, EECE 353 must be completed with a C or better before registering for EECE 460 (Design II).
2. EECE 443/460 Senior Design courses are restricted to EECE majors. Any non-majors who have completed the requirements 1 through 4 above and wish to enroll in EECE 443 must be approved in writing by the department head.

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Grade Point Average Computation

GRADE	A	B	C	D	F	NR
Course Credit Hours	Cr	Cr	Cr	Cr	Cr	Cr
Course Quality Pts	4 x Cr	3 x Cr	2 x Cr	1 x Cr	0	0

GPA Hours = Sum of Course Credit Hours (for grades of A, B, C, D, F, NR)

GPA Quality Pts = Sum of Course Quality Points (for grades of A, B, C, D, F, NR)

$$\text{GPA} = (\text{GPA Quality Pts}) / (\text{GPA Hours})$$

Cumulative GPA - All courses, including repeated courses counted in GPA

Adjusted GPA - Only most recent of repeated courses counted in GPA

Hours Earned = **GPA Hours** + **S** hours + **CR** hours + **P** hours – **F** hours – **NR** hours

Good Standing Requirement

Overall (All courses) Cumulative GPA \geq 2.000

Graduation Requirement

Overall (All courses) Adjusted GPA \geq 2.000

Major (EECE & Engineering) Cumulative GPA \geq 2.000

EECE Minor Requirements

To receive a minor in EECE, the minimum course requirements are:

- EECE 140
- EECE 240
- EECE 355
- EECE 356
- + 4 credit hours of EECE courses

Requirements for Upper Division Status

To be admitted to Upper Division, the student must:

- complete MATH 140/143 (or equivalent) with a grade of “C” or better
 - complete 30 non-developmental hours (does not include MATH 90 or MATH 92, or ENGL 90)
 - have an overall adjusted GPA of 2.0 or better
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EECE CRITICAL COURSES FOR ALL OPTIONS

