

# Electrical & Computer Engineering Department

## Fall 2007 ADVISING INFORMATION 10/10/2007

### EECE APPROVED ELECTIVES

<b>Art Elective:</b> MUS 300,301,302,303,304,308,323,362,464,465,471 <b>DANC</b> 101,102,321,322 <b>VIAR</b> 120,121,122,220,223,321,322,422 <b>THEA</b> 161,261,457(G),458(G)		
<b>Literature Elective:</b> ENGL 201,202,203,204,205,206,215,216,312,320,321,322,333,341,372,380,400(G) <b>ENGL</b> 401(G),402(G),403(G),404(G),407,411,412,413,417,418,419,421,422,423,424 <b>ENGL</b> 426,429,430,433,434,435,437,439,441,442,450,460,466,470,496 <b>FORL</b> 331,332,433,434 <b>GERM</b> 201,202,311,405(G),441(G),442(G),471,472 <b>FREN</b> 201,202,311,361,362,431(G),441(G),471,472,481(G),491(G),492(G) <b>SPAN</b> 201,203,311,441(G),442(G),480(G) <b>LATN</b> 301,302		
<b>History Elective:</b> All history courses <u>except</u> HIST390 and HIST497(G) (Recommended: <b>HIST</b> 101,102,103,104,221,222,223,224,321,322)		
<b>Biological Science Elective:</b> BIOL 101,102,121,122, 304 <b>RRES</b> 150 (recommended: BIOL 121 122)		
<b>Science Lab Elective:</b> BIOL 103,104,123,124; <b>PHYS</b> 215,216; <b>CHEM</b> 112,115		
<b>BASIC OPTION</b>	<b>COMPUTER ENGR. OPTION</b>	<b>TELECOMMUNICATIONS OPTION</b>
<b>Technical Elective:</b> Any 400 level EECE course <b>ENGR</b> 203,304, 313 <b>CHEE</b> 317,402(G) <b>MATH</b> 362,381,440(G),475(G),481(G) Other:prior approval by dept. head <b>EECE Elective:</b> <b>EECE</b> 451,459,466,479 <b>CMPS</b> 261,352 Other:prior approval by dept. head	<b>Computer Elective:</b> <b>EECE:</b> 333,452,466 <b>CMPS</b> 352 <b>MATH</b> 362,381,440(G),475(G),481(G) <b>MATH</b> 483(G), 485(G),495(G) Other:prior approval by dept. head	<b>Telecom. Elective(97-99 Cat.)</b> <b>EECE</b> 451,459,479 <b>CMPS</b> 261 <b>POLS</b> 487(G) <b>BSAT</b> 303 <b>BLAW</b> 310,425 <b>MATH</b> 362,381,440(G),475(G),481(G) Other:prior approval by dept. head

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

COURSE	Taken Prior to Fall 2001	Taken Fall 2001 & after	COURSE	Taken Prior to Fall 2001	Taken Fall 2001 & after
<b>EECE 140</b>	C	C	<b>MATH 105</b>	C	C
<b>EECE 333</b>	C		<b>MATH 109</b>	C	C
<b>EECE 335</b>	C	C	<b>MATH 110</b>	C	C
<b>EECE 240 (341)</b>	C	C	<b>MATH 270</b>	C	C
<b>EECE 344</b>	C		<b>MATH 301</b>	C	C
<b>EECE 353</b>	C		<b>MATH 302</b>	C	
<b>EECE 355</b>	C	C	<b>MATH 350</b>		C
<b>EECE 356</b>	C	C	<b>PHYS 202</b>	C	C
<b>CMPS 150</b>	C	C			
<b>CMPS 260</b>	C	C			

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## **FALL SEMESTER ONLY & SPRING SEMESTER ONLY COURSES**

### **Fall Semester Only Courses**

EECE 413	EECE 451
EECE 428	EECE 452

### **Spring Semester Only Courses**

EECE 434	EECE 459
EECE 435	EECE 466
EECE 442	EECE 479
EECE 458	

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### APPROVED COURSE SUBSTITUTIONS

#### 1. PSYC 300, ENGR 303, ECON 300, ECON 330, and ECON 430G

Catalog Requirements

CATALOG	PSYC 300	ENGR 303	ECON 300	ECON 330	ECON 430G
2003-2009			X		X
2001-2003			X	X	
1999-2001	X			X	
1997-1999	X	X	X		
1995-1997	X	X	X		
1993-1995	X	X	X		

#### Acceptable Substitutions

**1999-2001 Catalog:**

Both PSYC 300 and ECON 300  
 Or  
 Both ECON 300 and ECON 330  
 Or  
 Both ECON 300 and ECON 430G

**2001-2003 Catalog:**

Both ECON 300 and ECON 330  
 Or  
 Both ECON 300 and ECON 430G

#### 2. EECE 435 TELECOMMUNICATIONS II & EECE 428 TRANSMISSION MEDIA:

**New Telecom Option Course prerequisite corequisite requirement:**

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.

#### 3. EECE 413 and EECE 434:

Equivalent courses - one may be substituted for the other. Credit for both not allowed.

#### 4. BSAT/MGMT 455:

This course has been **replaced by MGMT 320**.

For the Fall 2005 semester only, the student may substitute BLAW 310. The request must be justified in writing, and approved by the department head.

### 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
4. Completion of the **Digital Systems sequence through** EECE 340

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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

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### 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

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### Requirements for Upper Division Status

To be admitted to Upper Division, the student must:

- complete MATH 109 (or equivalent) with a grade of “C” or better
  - complete 30 non-developmental hours (does not include MATH 90 or MATH 92)
  - have an overall adjusted GPA of 2.0 or better
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# EECE CRITICAL COURSES FOR ALL OPTIONS

## UL LAFAYETTE ELECTRICAL ENGINEERING CRITICAL PATH FLOW CHART

—▶ Prerequisite  
 .....▶ Corequisite  
 4/5/2004

