

4-YEAR PLAN: ELECTRICAL ENGINEERING

CALIFORNIA STATE UNIVERSITY, FRESNO

2005-2006 CATALOG

<p style="text-align: center;"><u>FIRST SEMESTER</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">ECE 1</td> <td style="width: 65%;">Intro to EE and CE</td> <td style="width: 10%; text-align: center;">1</td> <td style="width: 10%;"></td> </tr> <tr> <td>ECE 71</td> <td>Engineering Computations</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td>ECE 85</td> <td>Digital Logic Design</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td>ECE 85L</td> <td>Digital Logic Design Lab</td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td>Engl 1</td> <td>Area A2: Intro to College Writing</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td>Math 75</td> <td>Area B4: Math Analysis I</td> <td style="text-align: center;">4</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">Sem. Total:</td> <td style="text-align: center;">15</td> <td></td> </tr> </table>	ECE 1	Intro to EE and CE	1		ECE 71	Engineering Computations	3		ECE 85	Digital Logic Design	3		ECE 85L	Digital Logic Design Lab	1		Engl 1	Area A2: Intro to College Writing	3		Math 75	Area B4: Math Analysis I	4		Sem. Total:		15		<p style="text-align: center;"><u>SECOND SEMESTER</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Math 76</td> <td style="width: 65%;">Math Analysis II</td> <td style="width: 10%; text-align: center;">4</td> <td style="width: 10%;"></td> </tr> <tr> <td>Phys 4A</td> <td>Mechanics and Wave Motion</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td>Comm 3/7/8</td> <td>Area A1: Oral Communication</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td>Chem 3A</td> <td>Area B1: Intro General Chemistry</td> <td style="text-align: center;">4</td> <td></td> </tr> <tr> <td>Phil 1/10</td> <td>Area C2: Humanities</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">Sem. Total:</td> <td style="text-align: center;">17</td> <td></td> </tr> </table>	Math 76	Math Analysis II	4		Phys 4A	Mechanics and Wave Motion	3		Comm 3/7/8	Area A1: Oral Communication	3		Chem 3A	Area B1: Intro General Chemistry	4		Phil 1/10	Area C2: Humanities	3		Sem. Total:		17									
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Additional Requirement: Must pass the university writing exam or take IE 182W Technical Writing.

[†] Lab Elective courses may be chosen from ECE 119LA, 119LB, 120L, 121L, 136L

^{††} Technical Area courses may be chosen from ECE 106, 107, 114, 115, 132, 135, 136, 140, 146, 148, 151, 152, 162, 166, 168, 171, 172, 173, 174, 176

^{†††} Math Elective course may be chosen from ECE 191T, Math 121, 123, 128, 152, 171, 181, 182

(This sheet is for informational purposes only. More details can be found in the University Catalog and by consulting your advisor.)

GENERAL EDUCATION

ELECTRICAL & COMPUTER ENGINEERING DEPT

- Area A1: Communication 3, 7, or 8
- Area A2: English 1
- Area A3: **Exempt**
- Area B1: Chemistry 3A
- Area B2: Biology 10
- Area B3: Physics 4BL
- Area B4: Math 75
- Area C1: Armenian Studies 20; Art 1, 20, 40, 50; Art History 10, 11; Chicano Latino Studies 9; Drama 22, 62; English 41, 43; Music 9, 74
- Area C2: Philosophy 1 or 10
- Area D1: History 11 or 12
- Area D2: Political Science 2
- Area D3: Economics 40 or 50
- Area E: **Exempt**
- Area IB: ECE 186B
- Area IC: Philosophy 120
- Area ID: **Exempt**
- Area M/I: Business Administration 104 or Political Science 120