

Eastern New Mexico University  
College of Liberal Arts & Sciences  
2005-2007 Catalog

|                    |   |
|--------------------|---|
| <b>Date:</b> _____ | <b>Major:</b> <u>Electronic Engineering</u> |
| <b>Name:</b> _____ | <u>Technology Composite-Emp. In EET</u>     |
| <b>ID #:</b> _____ | <b>Degree:</b> <u>Bachelor of Science</u>   |

| BACHELOR'S DEGREE REQUIREMENTS | Course# | Credits | Semester<br>Enrolled | Grade |
|--------------------------------|---------|---------|----------------------|-------|
|--------------------------------|---------|---------|----------------------|-------|

**Includes:**

|                           |          |   |       |       |
|---------------------------|----------|---|-------|-------|
| UNIV 101 Freshman Seminar | UNIV 101 | 3 | _____ | _____ |
|---------------------------|----------|---|-------|-------|

**128 total credit hours with 40(300/400 level) credit hours included**

| GENERAL EDUCATION REQUIREMENTS: 49-50 HOURS | Course# | Credits | Semester<br>Enrolled | Grade |
|---|---------|---------|----------------------|-------|
|---|---------|---------|----------------------|-------|

**Communicating Effectively: 12 hours**

|                         |                          |   |       |       |
|-------------------------|--------------------------|---|-------|-------|
| ENG 102 or 108          | ("C" or better required) | 3 | _____ | _____ |
| ENG 104 or 109          | ("C" or better required) | 3 | _____ | _____ |
| COMM 101/101L or 102    |                          | 3 | _____ | _____ |
| CIS 151, 251, or CS 114 |                          | 3 | _____ | _____ |

**Mathematics: 4 hours**

|                     |            |                 |   |       |
|---------------------|------------|-----------------|---|-------|
| MATH 124 Calculus I | (required) | <u>MATH 124</u> | 4 | _____ |
|---------------------|------------|-----------------|---|-------|

**Wellness: 2 hours**

|                     |                                     |            |                |       |
|---------------------|-------------------------------------|------------|----------------|-------|
| HPE 142             | Fundamentals of Physical Well-Being | (required) | <u>HPE 142</u> | 1     |
| HPE Activity Course |                                     |            | 1              | _____ |

**Science with Laboratories: 8 hours**

|                              |            |                   |   |       |
|------------------------------|------------|-------------------|---|-------|
| Life Science (Biology)       |            |                   | 4 | _____ |
| PHYS 151/L General Physics I | (required) | <u>PHYS 151/L</u> | 4 | _____ |

**Appreciating the Arts: 6 hours**

Any TWO from different areas:

|  |  |  |   |       |
|--|--|--|---|-------|
| ART 101, 106, 131, 165, 166, 210, 231, 271 |  |  | 3 | _____ |
| DNC 101, 102, 108, 210                     |  |  | 3 | _____ |
| MUS 101,113, 151, 163, Music Ensembles     |  |  | 3 | _____ |
| THTR 111, 121, 222                         |  |  | 3 | _____ |

**Social Sciences: 6 hours**

Any TWO from different areas:

|                                       |  |  |   |       |
|---------------------------------------|--|--|---|-------|
| ANTH/GEOG 103; 233, ANTH 243          |  |  | 3 | _____ |
| BUS 151                               |  |  | 3 | _____ |
| ECON 221, 222                         |  |  | 3 | _____ |
| FCS/ELED 221                          |  |  | 3 | _____ |
| PSCI 101, 102, PSY 101, 134, 201, 202 |  |  | 3 | _____ |
| SOC101,212,215                        |  |  | 3 | _____ |

**Humanities: 6 hours**

Any TWO from different areas:

|                                       |  |  |   |       |
|---------------------------------------|--|--|---|-------|
| ENG 201, 211, 221, 222, 251, 252, 275 |  |  | 3 | _____ |
| FR 101, 102, 201, 202 3               |  |  | 3 | _____ |
| HIST 101, 102, 121, 122, 203          |  |  | 3 | _____ |
| HUM 221, 222; PHIL 201, 202, 211      |  |  | 3 | _____ |
| REL 101, 103; SPAN 101, 102, 201, 202 |  |  | 3 | _____ |

**Upper Division - Diversity / Global: 3 hours:**

|  |  |  |   |       |
|--|--|--|---|-------|
| AG 312;ANTH 310,333,340;BUS 302,310;COMM 330;DNC 394 |  |  | 3 | _____ |
| ENG 319,378;FCS 310; HPE 321;PSCI 330;SOC302         |  |  | 3 | _____ |

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Date:</b> _____                  | <b>Final Check</b> |
| <b>Hours Completed:</b> _____       |                    |
| <b>Hours In Progress:</b> _____     |                    |
| <b>U/D Hours Completed:</b> _____   |                    |
| <b>U/D Hours In Progress:</b> _____ |                    |
| <b>GPA:</b> _____                   |                    |

All course requirements in the major and minor must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

**Electronics Engineering Technology: 60 hours**

|   |       |   |       |       |
|---|-------|---|-------|-------|
| EET/ENGR 101 Intro Engineering                      | _____ | 3 | _____ | _____ |
| EET 110/L Basic Circuit Analysis                    | _____ | 3 | _____ | _____ |
| EET 111/L Engineering Graphics                      | _____ | 3 | _____ | _____ |
| EET 210/L Intermediate Circuit Analysis             | _____ | 3 | _____ | _____ |
| EET 237/L Semiconductor Devices                     | _____ | 3 | _____ | _____ |
| EET 241/L Logic Circuits                            | _____ | 3 | _____ | _____ |
| EET 242/L Sequential Circuits & Appl                | _____ | 3 | _____ | _____ |
| EET 280/L Electronic Machines & Sensors             | _____ | 3 | _____ | _____ |
| EET 310/L Linear Systems Analysis                   | _____ | 3 | _____ | _____ |
| EET 337/L Operational Amplifiers                    | _____ | 3 | _____ | _____ |
| EET/CS 340 Microprocessors and Assembly Programming | _____ | 3 | _____ | _____ |
| EET 357/L Electronic Communications I               | _____ | 3 | _____ | _____ |
| EET 437/L Electronic Circuit Design/Analysis        | _____ | 3 | _____ | _____ |
| EET 441/L Circuit Design with PLDs                  | _____ | 3 | _____ | _____ |
| EET 450/L Control Systems                           | _____ | 3 | _____ | _____ |
| EET 457/L Electronic Communications II              | _____ | 3 | _____ | _____ |
| EET 490 Special Project                             | _____ | 3 | _____ | _____ |
| CS 123 Program Fund (C++)                           | _____ | 3 | _____ | _____ |
| CS 342 Computer Architecture                        | _____ | 3 | _____ | _____ |

**18 hours electives, 7 hours must be upper division**

|   |  |
|---|--|
| _____<br><i>Student Signature</i>       | _____<br><i>Advisor Signature</i>                |
| _____<br><i>Dean's Office Signature</i> | _____<br><i>Official Degree Plan Filing Date</i> |