

Eastern New Mexico University
College of Liberal Arts and Sciences
2009-2011 Catalog

Updated ___
by ___

Degree Plan Checklist

Date: _____	Major: <u>Electronics Engineering Technology Composite</u>
Name: _____	Emphasis: <u>Computer Networking</u>
ID#: _____	Degree: <u>Bachelor of Science</u>

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	Course	Credits	Semester
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UNIV 101 Freshman Seminar	<u>UNIV 101</u>	3	_____
IS 151 or successful completion of ENMU computer technology assessment	<u>IS 151</u>	3	_____
HPE 142 Fundamentals of Physical Well-Being	<u>HPE 142</u>	1	_____

GENERAL EDUCATION REQUIREMENTS (41 Hrs)	Course	Credits	Semester
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bold- ENMU option only

1. Communicating Effectively: 9 hours

ENG 102 or 108 (ENMU requires grade of "C" or better)	_____	3	_____
ENG 104 or 109 (ENMU requires grade of "C" or better)	_____	3	_____
COMM 101, 102, or 202	_____	3	_____

2. Understanding and Applying Mathematical Principles: 3 hours

MATH 113, 114, 119, 120, 124 or STAT 213	_____	3 or 4	_____
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3. Science with labs: 8 hours

ANTH 245/L, BIOL, CHEM, GEOL, PHYS	_____	4	_____
	_____	4	_____

Note: Total number of hours from categories 4 and 5 combined must be 15.

4. Social Science: 6 hours minimum, maximum of 9 hours

Note: total number of hours from categories 4 and 5 combined must be 15.
 Courses must be taken from two different disciplines.

ANTH/GEOG 103, 233, 243; BUS 151; ECON 200, 221, 222	_____	3	_____
FCS/ELED 221; PSCI 101, 102; PSY 101, 201, 202;	_____	3	_____
SOC 101, 212, 215	_____	3	_____

5. Humanities and Fine Arts: 6-9 hours

Courses must come from different disciplines and must include a minimum of 3 hours from category a and 3 hours from category b.

a. Fine Arts (3 hours minimum, maximum of 6)

ART 101, 106, 131, 165, 166, 210, 231, 271	_____	3	_____
DNC 101, 210	_____	3	_____
MUS 101, 113, 163, 241, music ensembles	_____	3	_____
THTR 111, 113, 121	_____	3	_____

b. Humanities (3 hours minimum, maximum of 6)

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

6. Advisory Options: 3 hours

HPE activity courses	_____	3	_____
Any courses from Category 2 above (MATH)	_____	3	_____
Any courses from Category 5 above (HUM and FINE ARTS)	_____	3	_____

7. Upper-division -- Diversity/Global: 3 hours

AG 312; ANTH 310, 333, 340; ART 305; BUS 302, 310; CJ 310;	_____	3	_____
COMM 310, 330, 331; ENG 319, 378, 379; FCS 310, 403; HIST 305;	_____	3	_____
HPE 321, 325; MUS 375; NURS 312; PSCI 312, 330; PSY 312; SOC 302	_____	3	_____

Electronics Engineering Technology: 57 hours

EET/ENGR 131 Intro Engineering with MATLAB	EET/ENGR 131	3	_____
EET 110/L Basic Circuit Analysis	EET 110/L	3	_____
EET 210/L Intermediate Circuit Analysis	EET 210/L	3	_____
EET 237/L Semiconductor Devices I	EET 237/L	3	_____
EET 241/L Logic Circuits	EET 241/L	3	_____
EET 242/L Sequential Circuits & Appl	EET 242/L	3	_____
EET 280/L Electronic Machines & Sensors	EET 280/L	3	_____
EET 310/L Linear Systems Analysis	EET 310/L	3	_____
EET 337/L Semiconductor Devices II	EET 337/L	3	_____
EET 340 Introduction to Computer Organization and Architecture	EET 340	3	_____
EET 342 Modern Computer Architecture	EET 342	3	_____
EET 357/L Electronic Communications I	EET 357/L	3	_____
EET 437/L Semiconductor Devices III	EET 437/L	3	_____
EET 441/L Circuit Design with PLDs	EET 441/L	3	_____
EET 450/L Control Systems	EET 450/L	3	_____
EET 457/L Electronic Communications II	EET 457/L	3	_____
EET 472/L Microprocessor and Microcomputer Interfacing	EET 472/L	3	_____
EET 490 Capstone	EET 490	3	_____
CS 123 Program Fundamentals	CS 123	3	_____

Required Courses in the Related Areas (12 hours)

MATH 124 Calculus I	MATH 124	4	_____
PHYS 151/L General Physics I	PHYS 151/L	4	_____
PHYS 152/L General Physics II or BIOL 151/L Biology I		4	_____

Note: The academic advisor may recommend other courses meeting General Education Science requirements on page 36 except BIOL 113, CHEM 113, GEOL 113, or PHYS 113.

Computer Networking Course Requirements (15 Hours)

IS 160 Overview of Operating Systems and Utilities	_____	3	_____
IS 200 Data Communications and Networking	_____	3	_____
IS 435 Network Infrastructure Design	_____	3	_____
IS 440 Window Server Operating Systems	_____	3	_____
CS 462 Computer Networking	_____	3	_____

Electives to Complete a Minimum of 128 hours, 40 of which must be upper division

						Final Check
Date:						
Hours Completed:						
Hours In Progress:						
U/D Hours Completed:						
U/D Hours In Progress:						
GPA:						

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. Developmental hours are not eligible for degree credit.

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

Grade

Grade

