

ECE

MASTER OF SCIENCE ELECTRICAL & COMPUTER ENGINEERING DEPARTMENT

Online Degree Completion Program

The School of Engineering at UNM offers outstanding programs with ample research opportunities for graduate students. The graduate programs in Electrical & Computer Engineering are ranked among the best in the nation by U.S. News & World Report: the Electrical Engineering program is #32 among public universities, and the Computer Engineering program is #38.

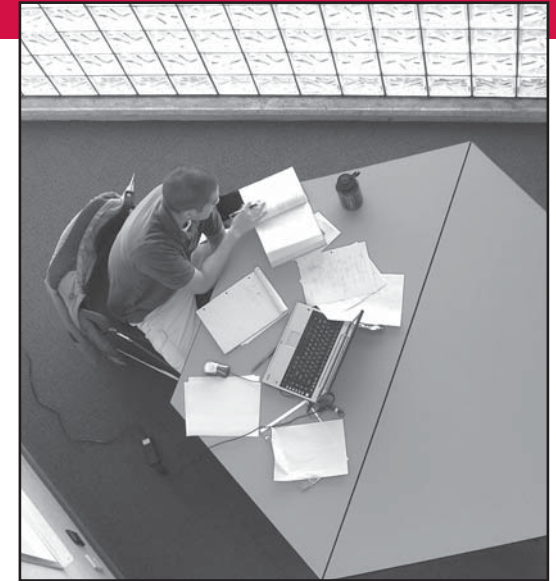
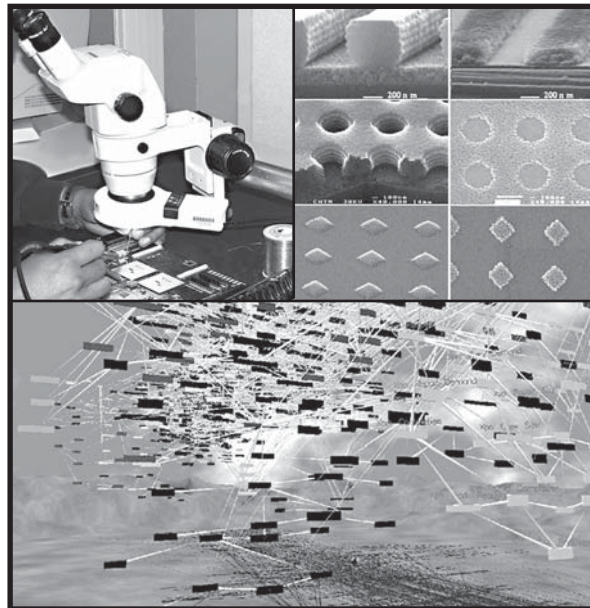
In Spring 2006, ECE began providing the opportunity to pursue an MS degree online. Students working around employment schedules can benefit from this program. ECE online courses are delivered through the WebCT platform.

Master of Science Degree in Electrical Engineering with emphasis in:

- Control Systems
- Signal Processing
- Applied Electromagnetics

Master of Science Degree in Computer Engineering with emphasis in:

- Computer Networks and Systems



THE UNIVERSITY *of*
NEW MEXICO

ELECTRICAL & COMPUTER ENGINEERING

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Taking Online Courses

Taking an online course is very different from the traditional classroom experience. To accurately anticipate the amount of time to devote to an online course, keep in mind that students do not attend a face-to-face class. A typical 3-credit-hour online course may translate to approximately 6-9 hours per week (on average) for classwork and homework.

Please be aware that some instructors may have additional course requirements, such as student participation in live chats, proctored exams, or viewing supplementary videos.

Necessary Computer Access & Skills

- UNM NetID account and password
- Access to the Internet with a minimum connection of 28.8 kbps modem. Some courses with media rich content require broadband access, such as DSL, cable modem, T1, etc.
- Current web software (browser, players, and readers). For browser information, please see Check Your Browser at <http://vista.unm.edu>. Other requirements are published with course information at <http://online.unm.edu>.
- Some courses require additional hardware, such as speakers or headphones and microphone.

Courses available online in Electrical & Computer Engineering

ECE 437	Computer Operating Systems
ECE 440	Introduction to Computer Networks
ECE 442	Wireless Communication
ECE 500	Theory of Linear Systems
ECE 514	Nonlinear & Adaptive Control
ECE 533	Digital Image Processing
ECE 536	Computer Systems Software
ECE 537	Foundations of Computing
ECE 541	Probability Theory and Stochastic Processes
ECE 546	Multivariable Control Theory
ECE 549	Information Theory and Coding
ECE 560	Introduction to Microwave Engineering
ECE 561	Electrodynamics
ECE 562	Electronic RF Design
ECE 565	Optical Communication Components & Subsystems
ECE 569	Antenna for Wireless Systems
ECE 575	Junction Devices
ECE 638	T: Wireless Ad Hoc Networks

For a schedule of classes, go to <http://online.unm.edu> and click on the current semester link.

ECE Graduate Programs

Complete Graduate Handbook

<http://www.ece.unm.edu/graduate/handbooks/ECE-GradHandbook.pdf>

Application Materials for Domestic and International Students

<http://www.ece.unm.edu/apply/applygrad.htm>

Email Requests: apply@ece.unm.edu

Deadlines:	Semester	International Applicants	Domestic Applicants
	Fall	February 15	July 1
	Spring	July 15	November 1
	Summer	—	April 15
Minimum Scores:	TOEFL	Paper: 575	Computer: 213
	GRE	Verbal: 400	Quantitative: 650