

ELECTRICAL OR COMPUTER ENGINEERING MINORS MAY ONLY REQUIRE A FEW HOURS OF STUDY BEYOND YOUR DEGREE. TALK TO YOUR ADVISOR FOR DETAILS!

MINOR CORE COURSES (12 CREDIT HOURS)

ECEN	2233	Digital Logic Design	ENSC	2611	Electrical Fabrication Lab
ECEN	2714	Fundamentals of Circuits	ECEN	3714	Network Analysis

EE MINOR REQUIRED (4 CREDIT HOURS)

ECEN	3314	Electronic Devices and Applications
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CpE MINOR REQUIRED (3 CREDIT HOURS)

ECEN	3213	Computer Based Systems
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EE MINOR ELECTIVE (6 CREDIT HOURS)

POWER/ENERGY

ECEN	3113	Energy, Environment Economics
ECEN	4133	Power Electronics
ECEN	4153	Power Systems

COMMUNICATION

ECEN	3513	Signal Analysis
ECEN	4523	Communication Theory
ECEN	4533	Data Communication

RADIO/MICROWAVE

ECEN	3613	Applied Fields I
ECEN	4613	Microwave Engineering

CONTROL

ECEN	3723	System I
ECEN	4413	(MAE4053) Automatic Control
ECEN	4493	AI for Engineering

ELECTRONICS/CHIP DESIGN

ECEN	4313	Linear Electronics
ECEN	4353	Communication Electronics
ECEN	4303	Digital IC Design

SIGNAL PROCESSING

ECEN	3513	Signal Analysis
ECEN	4763	Digital Signal Processing
ECEN	4743	Biomedical Modeling

LASER/OPTICS

ECEN	4823	Design of Optical Systems
ECEN	4843	Design of Lasers and Systems

CpE MINOR ELECTIVE (6 CREDIT HOURS)

EMBEDDED SYSTEMS

ECEN	4213	Embedded Systems
ECEN	4223	Mobile Robotics

SOFTWARE/NETWORKS

ECEN	4273	Software Engineering
ECEN	4283	Computer Networks

COMPUTER DESIGN

ECEN	4233	Computer Arithmetic
ECEN	4243	Computer Architecture

AI PROGRAMMING

ECEN	4293	Applied Numerical Methods for Python
ECEN	4493	AI for Engineering

NOW AVAILABLE ECE MINORS

ELECTRICAL ENGINEERING (EE, 22 CREDIT HOURS)
COMPUTER ENGINEERING (CpE, 21 CREDIT HOURS)



ECE.OKSTATE.EDU