

California State University, Sacramento
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE
Department of Electrical and Electronic Engineering

APPLICATION FOR PART-TIME INSTRUCTOR POSITION

NAME: _____ DATE: _____

HOME ADDRESS: _____

TELEPHONE: _____ E-MAIL: _____

BUSINESS ADDRESS: _____

TELEPHONE: _____ E-MAIL: _____

Availability

Semester: Fall Only Spring Only Any/Negotiable

Time: Early morning (7:30 - 9 a.m.) Late afternoon (4 - 6 p.m.)
 Morning (9 a.m. - 12 p.m.) Evening (6:00 - 9:00 p.m.)
 Afternoon (12 - 4 p.m.) Any/Negotiable

Maximum Number of Units: _____

Course(s) Qualified to Teach: Please check the courses on the attached sheets.

Courses Taught in the Past:

Strengths in the Courses Listed:

Academic Preparation and/or Degrees Earned:

Please enclose a personal letter stating interests and qualifications, 2) a current or updated resume (even if one is already on file in the Department), and 3) this completed part-time instructor application.

Please e-mail completed forms to:

“EEE Part-Time Instructor Pool”
Dept. of Electrical and Electronic Engineering
California State University, Sacramento
6000 J Street, Sacramento, CA 95819-6019
eee@ecs.csus.edu

COURSE OFFERINGS

Electrical ENGINEERING

Undergraduate Electric and Electronic Engineering

- EEE 64 - Introduction to Logic Design (4 units)
- EEE 64W - Introduction to Logic Design Workshop (1 unit)
- EEE 102 – Analog/Digital Electronics (3 units)
- EEE 102L – Analog/Digital Electronics Laboratory (1 unit)
- EEE 108 – Electronics I (3 units)
- EEE 108L – Electronics I Laboratory (1 unit)
- EEE 109 – Electronics II (4 units)
- EEE 110 – Advanced Analog Integrated Circuits (3 units)
- EEE 111 - Advanced Analog Integrated Circuits Laboratory (1 unit)
- EEE 117 – Network Analysis (3 units)
- EEE 117L – Network Analysis Laboratory (1 unit)
- EEE 120 – Electronic Instrumentation (4 units)
- EEE 122 – Applied Digital Signal Processing (3 units)
- EEE 130 – Electromechanical Conversion (3 units)
- EEE 131 – Electromechanics Laboratory (1 unit)
- EEE 135 – Renewable Electrical Energy Sources and Grid Integration (3 units)
- EEE 136 – Smart Electric Power Grid (3 units)
- EEE 141 – Power System Analysis I (3 units)
- EEE 142 - Power System Analysis II (3 units)
- EEE 143 - Power System Laboratory (1 unit)
- EEE 144 – Electric Power Distribution (3 units)
- EEE 145 – Power System Relay Protection and Laboratory (4 units)
- EEE 146 – Power Electronics Controlled Drives (3 units)
- EEE 147 – Power System Operation and Control Laboratory (1 unit)
- EEE 148 – Power Electronics Laboratory (1 unit)
- EEE 161 – Applied Electromagnetics (4 units)
- EEE 162 – Applied Wave Propagation (3 units)
- EEE 163 – Traveling Waves Laboratory (1 unit)
- EEE 165 – Introduction to Optical Engineering (3 units)
- EEE 166 – Physical Electronics (3 units)
- EEE 167 – Electro-Optical Engineering Lab (1 unit)
- EEE 174 – Introduction to Microprocessors (4 units)
- EEE 178 – Introduction to Machine Vision (3 units)
- EEE 180 – Signals and Systems (3 units)
- EEE 181 – Introduction to Digital Signal Processing (3 units)
- EEE 182 – Digital Signal Processing Lab (1 unit)
- EEE 183 – Digital and Wireless Communication System Design (3 units)
- EEE 184 – Introduction to Feedback Systems (3 Units)
- EEE 185 – Modern Communication Systems (3 units)
- EEE 186 – Communication Systems Laboratory (1 unit)
- EEE 187 – Robotics (4 units)
- EEE 188 – Digital Control System (3 units)
- EEE 189 – Controls Laboratory (1 Unit)

Course descriptions are available on-line at: <http://catalog.csus.edu/courses-a-z/eee/>

Graduate Electrical and Electronic Engineering

- EEE 201 – Research Methodology (1 unit)
- EEE 211 – Microwave Engineering (3 units)
- EEE 212 – Microwave Engineering II (3 units)
- EEE 213 – Microwave devices and Circuits (3 units)
- EEE 214 – Computer Aided Design for Microwave Circuits (3 units)
- EEE 215 - Lasers (3 units)
- EEE 221 – Machine Vision (3 units)
- EEE 222 – Electronic Neural Networks (3 units)
- EEE 225 – Advanced Robot Control (3 units)
- EEE 230 – Analog and Mixed Signal integrated Circuit Design (3 units)
- EEE 231 – Advanced Analog and Mixed Signal Integrated Circuit Design (3 units)
- EEE 232 – Key Mixed-Signal Integrated Circuit Building Blocks (3 units)
- EEE 234 – Digital Integrated Circuit Design (3 units)
- EEE 235 – Mixed-Signal IC Design Laboratory (1 unit)
- EEE 236 – Advanced Semiconductor Devices (3 units)
- EEE 238 - Advanced VLSI Design-For-Test I (3 units)
- EEE 239 - Advanced VLSI Design-For-Test II (3 units)
- EEE 241 – Linear Systems Analysis (3 units)
- EEE 242 – Statistical Signal Processing (3 units)
- EEE 243 – Applied Stochastic Processes (3 units)
- EEE 244 – Electrical Engineering Computational Methods and Applications (3 units)
- EEE 245 - Advanced Digital Signal Processing (3 units)
- EEE 246 - Advanced Digital Control (3 units)
- EEE 249 - Advanced Topics in Control and Systems (3 units)
- EEE 250 – Advanced Analysis of Faulted Power Systems (3 units)
- EEE 251 – Power System Economics and Dispatch (3 units)
- EEE 252 – Power System Reliability and Planning (3 units)
- EEE 253 – Control and Stability of Power Systems (3 units)
- EEE 254 – Large Interconnected Power Systems (3 units)
- EEE 255 – Future Power Systems and Smart Grids (3 units)
- EEE 256 – Advanced Power Systems Protection (3 units)
- EEE 257 – Wind Energy Electrical Conversion Systems (3 units)
- EEE 259 – Advanced Topics in Power Systems (3 units)
- EEE 260 – Statistical Theory of Communication (3 units)
- EEE 261– Information Theory, Coding and Detection (3 units)
- EEE 262 – Wireless Communication Systems (3 units)
- EEE 264 - Advanced Topics in Wireless Communications (3 units)
- EEE 265 – Optoelectronic Engineering (4 units)
- EEE 267 – Fiber Optic Communications (3 units)
- EEE 270 - Advanced Topics in Logic Design (4 units)
- EEE 272– High Speed Digital System Design (3 units)
- EEE 273 – Hierarchal Digital Design Methodology (3 units)
- EEE 274– Advanced Timing Analysis (3 units)
- EEE 280– Advanced Computer Architecture (3 units)
- EEE 285 – Hierarchal Digital Design Methodology (3 units)
- EEE 286– Advanced Timing Analysis (3 units)
- EEE 280– Advanced Computer Architecture (3 units)

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Undergraduate Engineering

- ENGR 1 – Introduction to Engineering (1 unit)
- ENGR 17 – Introductory Circuit Analysis (3 units)
- ENGR 17W – Circuits Workshop (1 unit)
- ENGR 117W – Networks Workshop (1 unit)
- ENGR 120 – Probability and Random Signals (3 units)
- ENGR 140 – Engineering Economics (2 units)
- ENGR 50 – Computational methods and Applications (3 units)

Course descriptions are available on-line at: <http://catalog.csus.edu/courses-a-z/engr/>