



Master of Engineering in Electrical Engineering



PennState
World Campus

A world of possibilities.
Online.

Table of Contents

| | | | |
|---|---|------------------------------------|---|
| Online Master of Engineering in Electrical Engineering..... | 3 | Frequently Asked Questions..... | 6 |
| Career Opportunities | 3 | Begin Your Application Today | 7 |
| Curriculum..... | 4 | Contact Us | 8 |
| The Penn State Difference | 5 | | |



“Penn State’s online graduate degree program in electrical engineering provides an outstanding opportunity for you—wherever you are—to earn an esteemed credential from a university known internationally for its academic excellence.

“This degree was designed to help you prepare for a broad range of careers, from electric power and utilities to electronic control systems. Our curriculum is taught by the same faculty who teach our resident students, ensuring that you receive a top-quality education from expert educators who are widely respected in their fields of study.

“Penn State has long been renowned for its high-quality engineering programs. As a student in this online program, you can acquire the skills you need to excel in your career.”

—**Robert A. Gray, Ph.D.**
Associate Professor of Electrical Engineering
Professor in Charge, Master of Engineering
in Electrical Engineering

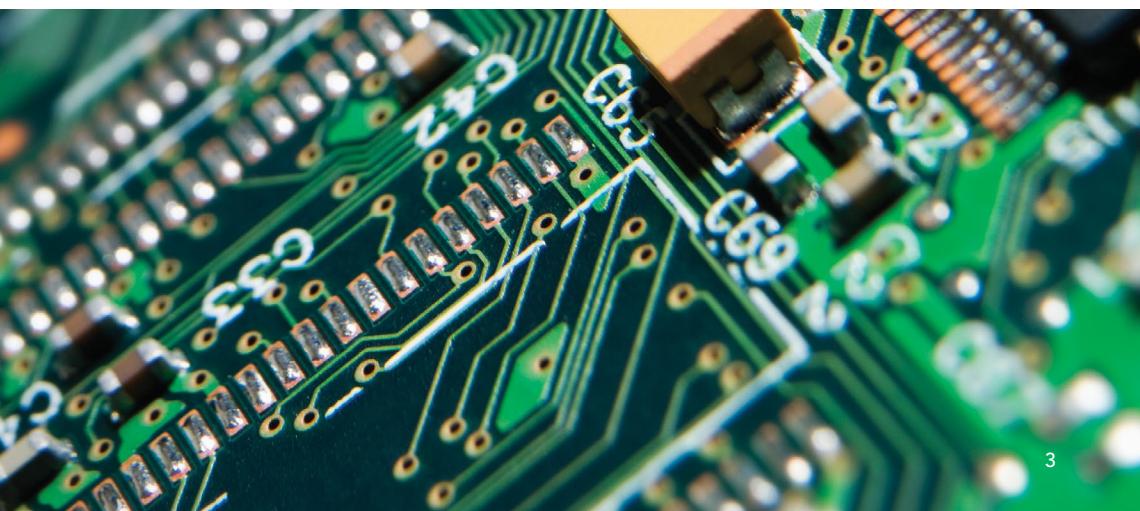
Online Master of Engineering in Electrical Engineering

Penn State's 30-credit online Master of Engineering in Electrical Engineering is ideal for working professionals who are looking to advance their careers and excel in the ever-changing electrical engineering field. This program can equip you with the skills necessary to adapt advanced knowledge and concepts to new products. You can prepare to become a lead engineer who is able to bridge the gap between new technology and practical electrical devices and systems. You can also develop the capabilities needed to analyze and design diverse electrical and electronic systems found in industrial, defense, utilities, and government settings. Penn State's engineering programs have consistently been ranked among the best in the country, according to *U.S. News & World Report*.

Career Opportunities

This master's program delivered through Penn State World Campus can help you obtain a position in such dynamic fields as:

- › aerospace
- › computer systems design
- › electronic control of systems
- › military and defense systems
- › manufacturing
- › medical devices
- › power generation and utilities
- › signal processing
- › transportation
- › consumer electronics
- › telecommunications
- › scientific research



Curriculum

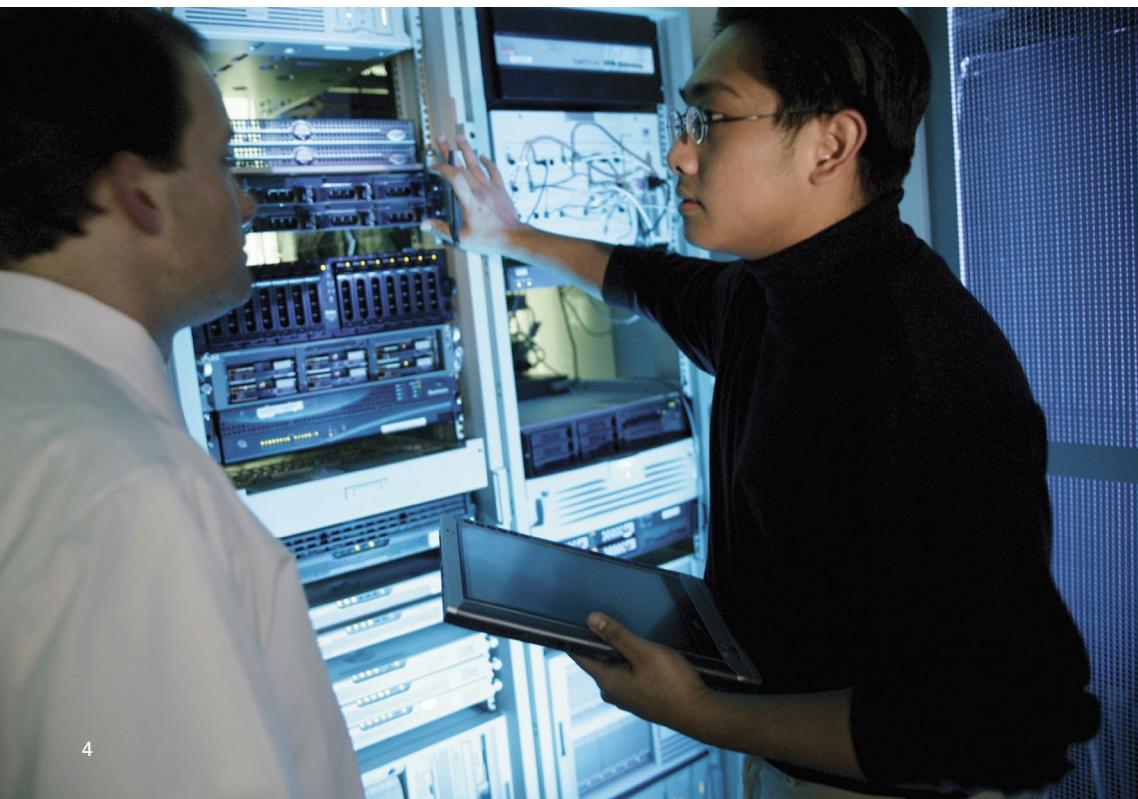
In this program you are required to successfully complete 27 credits of course work, plus 3 credits of research/paper writing. This will include a paper on a topic that you and your instructor have mutually agreed upon. The paper must be suitable for publication at a professional conference, such as the IEEE (Institute of Electrical and Electronics Engineers), or in a professional journal.

You can pursue this degree on a part-time basis and complete it in as little as two years. Since many of our students are working professionals who have other commitments, the curriculum is designed to give you the flexibility to balance your personal and professional schedules.

You will study such topics as:

- › signal processing
- › communication systems
- › power systems
- › electronics
- › electronic and integrated circuits
- › electromagnetics and microelectronics

worldcampus.psu.edu/ee-online



The Penn State Difference

Faculty Expertise

All of the courses in the online program are designed and taught by Penn State professors. The program's faculty are known for their exceptional credentials, research, and industry experience, which help them understand your academic needs and career interests.

Learner and Technical Support

You will interact frequently with faculty and other students. Without having to set foot on campus, you will have access to many of the same support services that resident students enjoy, including advising, course scheduling assistance, and technical support.

Library Services

As a Penn State World Campus student, you will have access to one of the leading university research libraries in North America—the Penn State University Libraries system, which holds more than 800 online research databases, 110,000 scholarly journals, and 1 million electronic books. You can search the online catalog and review databases as if you were sitting at a terminal in any Penn State library.

Networking Opportunities

Interact with dedicated, goal-oriented peers from around the world, creating a network of great ideas. As you communicate regularly with classmates and faculty members, you'll gain insights that you can apply to your job immediately.

A Military-Friendly University

Penn State has the experience you need to help you meet your goals during and after your service to your country. Through our commitment to increasing access to education for military personnel, veterans, and military family members, we have aligned our online programs, student support services, policies, and procedures to address your unique needs. We pledge our best service to you, so that wherever you are in the world, you can be connected to Penn State through Penn State World Campus.

Frequently Asked Questions

Why is Penn State the best choice for me?

Flexibility and convenience

Penn State knows that adults need flexible and convenient learning options to continue meeting their professional and personal commitments. As job responsibilities grow increasingly complex and family schedules become more hectic, online education enables you to study at times and locations that are convenient for you.

Reputation

Penn State is universally regarded as one of the finest educational institutions in the United States. Putting a Penn State degree or certificate on your résumé is a great way to prove to current and potential employers that you are a well-educated professional and to broaden your career options.

Accreditation

Penn State is accredited by the Middle States Commission on Higher Education and has an outstanding reputation as a research and teaching university. Our courses are also accepted by most other colleges and universities in fulfillment of their requirements.

Is this the real Penn State?

Absolutely. Penn State values online education as highly as it does resident instruction. No distinction will be made on your official Penn State transcript or degree that your courses were completed at a distance. The credits you receive are exactly the same as those awarded to on-campus students.



Begin Your Application Today

Admissions decisions for the Master of Engineering in Electrical Engineering are based on a review of your complete application portfolio and the quality of your credentials relative to those of other applicants.

Your master's degree application portfolio must include:

- › application form (completed and submitted online) and fee
- › copy of official transcript from each undergraduate and graduate institution attended
- › GPA and test scores*
- › TOEFL or IELTS score, if applicable
- › three references
- › résumé
- › personal statement

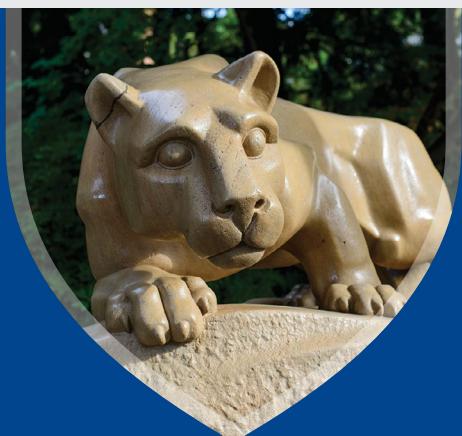
* Official GRE tests scores will be considered if submitted, but are not required.



To apply or to obtain more information about these application materials and deadlines, visit: worldcampus.psu.edu/ee-apply

Did You Know?

- › Penn State credits and degrees earned online are identical to those earned on campus.
- › Penn State World Campus has enrolled students from all 50 states and all 7 continents.
- › Our online courses involve frequent interactions among students and faculty.



Contact Us

Admissions Questions

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814-863-5386

worldcampus.psu.edu/admissions



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