

POWER COOPERATION WITH DEFENSE INDUSTRY



- ✓ Our students will have the opportunity to take courses from academic professionals working in the industry and receive thesis supervision from these individuals.
- ✓ Our students will be able to complete their 2-semester summer internships and workplace training within these companies as part of the 7+1 education model.
- ✓ Our students will have the opportunity to gain workplace experience in industrial establishments starting from the 3rd grade.
- ✓ Our students will also be involved in projects conducted with leading defense industry companies.



Electrical and Electronics Engineering

OUR GRADUATES WHERE CAN WORK

- ✓ Electrical and Electronics Engineering has become increasingly important, evolving into a discipline that strengthens itself with software and hardware, and is now needed in almost every field.
- ✓ Our graduates will have the opportunity to find their place in the sectors of today and the future:
 - ✓ Defense and Aviation
 - ✓ Software and Information Technology
 - ✓ Robotics and Control Systems
 - ✓ Communication Technology
 - ✓ Automotive Technology
 - ✓ Renewable Energy
 - ✓ Electrical Installations
 - ✓ Healthcare Technology
 - ✓ Agriculture Technology

2022 SIVAS UNIVERSITY OF SCIENCE AND TECHNOLOGY SCORE AND RANKINGS

MAJOR	SCORE TYPE	QUOTA	HIGHEST LOWEST SCORE IN 2022	HIGHEST LOWEST RANK IN 2022
Electrical and Electronics Engineering	Quantitative	General Quota 40+1	471,06	38.799
		Quota For Earthquake Victims 10	367,63	147.623

Electrical and Electronics Engineering



FACULTY OF ENGINEERING AND NATURAL SCIENCES

ELECTRICAL AND ELECTRONICS ENGINEERING

% 100

ENGLISH
EDUCATION

NEW GENERATION
STATE UNIVERSITY

WITH CAREER GUARANTEE

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APPLICATION ORIENTED EDUCATION MODEL

✓ Software and simulation-oriented courses have been integrated with projects to ensure sustainable learning.

✓ In this model:

- Within each semester, related courses are combined into consolidated course packages as modules.
- In each module, common projects that encompass the topics covered in the courses are assigned. This facilitates the establishment of connections between courses and enables the easier transformation of theory into practice.
- Specialization is achieved through elective modules.
- Students will graduate with a high level of self-confidence and problem-solving skills by completing at least 10 projects throughout their undergraduate education.

AND MORE

- ✓ The ability to keep up with the world in the field with 100% English education and the skill to communicate comfortably.
- ✓ The opportunity to receive education abroad through exchange programs like Erasmus+.
- ✓ Social and cultural student communities that support personal development in the social and cultural field.
- ✓ State-of-the-art and innovative laboratory facilities suitable for technology advancements.
- ✓ A strong academic staff composed of internationally experienced, specialized foreign faculty members in their respective fields.

SBTU ACADEMIC STAFF



Electrical and Electronics Engineering

OUR LABORATORIES

- ✓ Circuit Theory Laboratory
- ✓ Advanced Analog-Digital Electronics Laboratory
- ✓ Microprocessor and Digital Design Laboratory
- ✓ Electric Machinery Laboratory
- ✓ Embedded Systems Laboratory
- ✓ Optical Research Laboratory
- ✓ Control Laboratory
- ✓ Network and Systems Laboratory
- ✓ Artificial Intelligence and Image Processing Lab.
- ✓ Metaverse Laboratory

We are also welcoming you

to our Faculty of Engineering and Natural Sciences.



Electrical and Electronics Engineering

PROGRAMMING AND SIMULATION SUPPORTED EDUCATION



- ✓ Our students will graduate proficient in today's most commonly used programming languages such as MATLAB, Simulink, ETAP, Python, VHDL, HOMER, and C++. Additionally, they will be skilled in simulation software programs like LabVIEW, Altium, Ansys, AutoCAD, AutoCAD-Electrical, CST, and Optic Studio.



PROJECT-BASED WORKS OF OURS

- ✓ Our university's academic staff is involved in TÜBİTAK projects, BAP (Scientific Research Projects) projects, and Career Development Projects, which are conducted for the defense industry and engineering sectors.

Electrical and Electronics Engineering