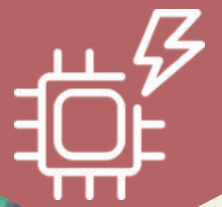




**ALAR**  
Training Center



SUMMER SCHOOL

# POWER ELECTRONICS

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**On-line / On-Campus: July 17 – 28, 2023**

**JOIN THIS SUMMER COURSE AND LEARN HOW TO  
DESIGN ELECTRONIC CIRCUITS FOR THE  
IMPLEMENTATION OF PROFESSIONAL ACTIVITIES**

**ECTS credits: 4.0**



**POLYTECH**

Peter the Great  
St. Petersburg Polytechnic  
University



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St. Petersburg Polytechnic  
University



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## BRIEF DESCRIPTION

The relevance and novelty of the program is associated with the great demand in the international environment for specialists with knowledge and skills in the field of electronic technical means. Industrial electronics is one of the main training profiles for specialists in the field of modern electronics. It is focused on the development and application of modern electronic devices and devices in industry, transport, in the electric power industry and has two main areas: information electronics (microprocessors, microcontrollers for general and industrial purposes, electronic systems and devices for measuring, monitoring and controlling various objects and technological complexes), as well as energy (power) electronics (powerful converters of electrical energy).

The goals of mastering the program are to acquire a set of theoretical knowledge, as well as skills and practical skills necessary to solve basic problems for a wide range of applications: electric power, electric drive, transport.

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### **Cost:**

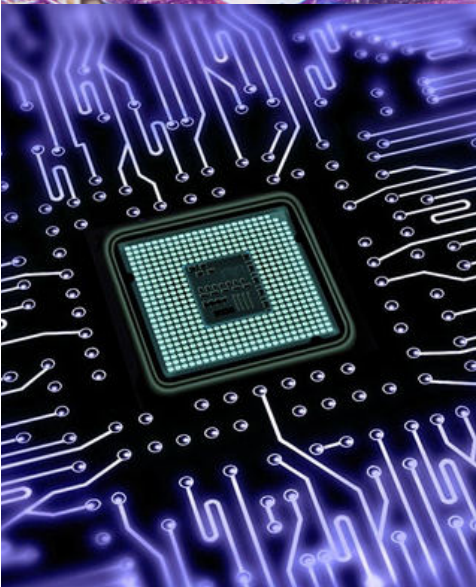
**On-line:** US\$512

**On-campus:** US\$735

Includes tuition, registration, 4 credits ECTS Certificate, Migration support (for on-campus course), virtual Russian language course by ALAR Training Center (33h) + Certificate

[Join ON-CAMPUS](#)

[Join ON-LINE](#)





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### **Program dates:**

**On-line:** July 17 – 28, 2023

**On-campus:** July 17 – 28, 2023

### **Registration deadline:**

**On-line:** July 5, 2023

**On-campus:** May 31, 2023

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### **Entrance requirements:**

- Fluent English. All classes and extracurricular activities are carried out in English. Knowledge of the Russian language is not required;
- The course is opened for Russian and foreign Bachelor, Master and PhD students with specialized background in Electronic Engineering or equivalent skills and knowledge.

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### **WHY US?**

We never stop developing. It is not our first rodeo! Our team is committed to learn and analyze every possible aspect of our course. Our students are in good hands – we deliver our promises concerning educational programme and many other activities that are created by our amazing staff!

[Join ON-CAMPUS](#)

[Join ON-LINE](#)