

International Polytechnic Summer School "Project Management Tools"

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded:

Internationally Recognized SPbPU Certificate with list of completed courses, grades and ECTS

Language of study: **English**

Mode of study: **full-time**

Duration: **2 weeks**

Availability of free education: **no**

Price: **430 euro**

Programme webpage at the university website:

<http://english.spbstu.ru/education/programs/programs-in-english/summer-school/business-management/applied-tools-project-development-realization/>

Programme curator: **Department of International Educational Programs**

Tel.: **+7 (812) 534-25-31**

E-mail: intprogram@spbstu.ru

Program dates:

Arrival: August 04 - 05, 2018

Classes: August 06 - 17, 2018

Departure: August 18 - 19, 2018

Duration: 2 weeks

Ects credits: 3.0

Participation fee:

- Early bird fee: 430 euro
- Regular fee: 500 euro

Participation fee includes tuition fee, study materials, visits to company and cultural program.

Deadline for registration:

Early bird deadline

- for non-EU citizens: April 16, 2018
- for EU-citizens: May 21, 2018

Regular deadline

- for non-EU citizens: May 21, 2018
- for EU-citizens: July 02, 2018

The cultural program includes:

- Boat city tour for students to get acquainted with the beauty of the city.
- Excursion to the Hermitage, one of the world's largest and oldest museums of fine art.
- Visit to the "Baltika" Brewery where students can learn about the construction and logistic peculiarities of the plant.
- Picnic at the seashore of the Gulf of Finland where students can enjoy Russian style barbecue
- Excursion to Pushkin, former tsar summer residence famous for its palace and park ensemble. Students will visit the outstanding Catherine Palace with glorious Amber room (optional, for extra price).
- Excursion to Peterhof palace-ensemble with picturesque gardens, a countless number of fountains and giant golden statues (optional, for extra price).

Entrance requirements

Good command of English. All classes and extracurricular activities are conducted in English. Applicants are expected to have at least 2 years of University level studies. Knowledge of the Russian language is not required.

Request the application form and submit the application package via e-mail: intprogram@spbstu.ru

Course description

Project management: introduction (4 hours)

The purpose of the course is to give an overall view of the basic concepts of project management, key triangle of project management, project participants, the project team, understanding of risks in the projects, project management terminology. During the practice studies students will: forming project teams, idea generation projects. All this will be carried out by the interactive methods of team building, different types of brainstorming and moderation.

International team work skills (12 hours)

Introduction to the Cross-Culture Management. Management, Goal Setting, Efficient Communication trainings. Developing of Teambuilding and team working, Presentation skills

Project business modeling (8 hours)

Students will learn of looking to the Project as to system. They will study the modeling by the Intellect Cards and the Business Model Canvas Explained. They will also create the models of their projects.

Project planning and realization (8 hours)

The course makes the focus at the planning and implementation of projects: 5 steps of the Project management, the role of project manager, staff teams involved in highbrow activities and management, network planning, project budget and basic documentation. Students will have participate in business games of project planning and reporting to their investors. Also in this module the following topics are represented: risk; risk management approaches; risk management definitions; risk management process; definition of risk and related topics; personal approach to risk; types of risks; risk factors.

Qualitative risk analysis (4 hours)

In this module the project manager (student) will subjectively evaluate all the risks. The goal is to focus at the most critical risks. In this module the following topics will be discussed: introduction to qualitative risk analysis; goal of qualitative risk analysis; tools for qualitative risk analysis; probability and impact analysis of identified risks; producing risk matrix; producing an updated risk register; calculating risk allowance and risk contingency amount. Students will develop and estimate risk register, risk categories, probabilities and impacts, risk attributes, risk matrix, risk mitigation and response plans.

Quantitative risk analysis (4 hours)

In this module, the project manager (student) will address the risk short list objectively. The course material will not get into much math or statistics. We will provide practical and simplified tools to address risk in this process. The following topics will be discussed in this module: introduction to quantitative risk analysis; comparison between the qualitative and quantitative approaches; steps for quantitative risk analysis; quantitative risk analysis tools; output

from quantitative risk analysis. Students will have studies in: assigning risks to tasks and resources, converting a project from qualitative to quantitative risk analysis, risk attributes for quantitative risk analysis, assigning local and global risks, parallel risks, risk-assignments on the Gantt chart.

Russian language (optional for extra price)

Students will be divided into groups depending on the entrance test results according to their level of knowledge. By the end of the course students will improve their reading, writing, listening and speaking skills. Students improved their understanding of Russian native speakers (in the bounds of the covered lexical and grammar material); to maintain dialogues on particular topics using words and grammar studied. Grammar and words are practiced through various types of exercises (written and oral), dialogues and texts, which employ the most frequently used phrases and words in a variety of everyday contexts. 0.5 ECTS (per week)

Professors and lecturers:

Dr of Science Olga Kolosova,

PhD Gennadi Kovalenko,

business trainer PhD Olga Sosidko

Specializations within this programme