



# Engineering & Technology Foundation Course



Your first step toward studying Engineering,  
IT, Architecture, and Technical Sciences  
in the Czech Republic.

ASSOCIATION  
EDUCATIONAL CENTER

# Why Students Choose OCA



**OCA** is an educational center based in the Czech Republic and Slovakia, specializing in preparing international students for admission to top universities in English and Czech study programs.

For 15 years, we have been helping students from all over the world successfully start their academic journey in Europe.

## OCA in numbers

**10 000+**  
students

have already chosen  
OCA for their studies  
abroad.

**15 years**

of experience — trusted  
expertise in education  
and university preparation.

**97%**  
success rate

Our students successfully  
enter leading Czech  
universities.

**1 100 – 1 200**  
language hours  
per year

— the most intensive  
preparation on the market.

## Official Partnerships

with 4 state universities: ČZU, ČVUT, VŠCHT.

UNIVERZITA J. E. PURKYNĚ V ÚSTÍ NAD LABEM




Česká  
zemědělská  
univerzita  
v Praze





# Engineering & Technology Foundation Course

## Hours

 900 academic hours of English,  
including IELTS exam preparation

 100 academic hours of Mathematics

## Entry requirement

Minimum English level A1  
(beginner)

## Study period

September – End of May

## 900 academic hours of English and IELTS Exam Preparation

PART 1

### Reading

Understanding academic and general texts, identifying key ideas, and analyzing graphs and reports.

### Writing

Essay structure, report and letter writing, describing charts and trends, and building strong arguments.

### Listening

Comprehension of academic lectures, discussions, and everyday communication.

### Speaking

Fluency, pronunciation, interview and presentation skills, and mock IELTS speaking tests.

## 100 academic hours of Mathematics

PART 2

### University Entrance Exam Preparation

Core mathematical topics for Czech university admissions: functions, equations, algebra, geometry, statistics.

### SCIO GAP (Math part)

Practice with logic, problem-solving, and numerical reasoning tasks identical to official SCIO exams.

### Analytical and Logical Thinking

Training in data interpretation, chart analysis, and quantitative reasoning for academic success.

## University Admission & Application Support

PART 3



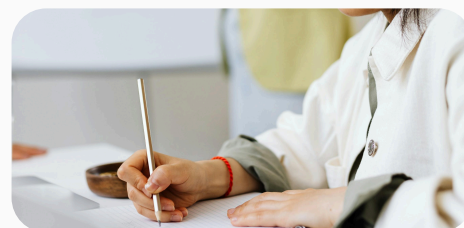
### Motivation Letter & Video Practice

Training to confidently present your personal story, study goals, and reasons for choosing a particular field of study.



### Essay and CV Writing

Creating professional and academic documents tailored to university requirements (motivation essays, cover letters, structured CVs).



### SCIO GAP Preparation (English part)

development of critical reading, logical reasoning, and analytical text interpretation skills required for Czech university entrance exams.

## Outcome

Graduates are fully prepared to meet the entry requirements for top Czech universities in the fields of **Engineering, IT, Architecture, and Technical Sciences**.

# Full Package Preparation

We take care of everything —  
from visa to university admission.



## Before arrival

- ✍️ Preparation of documents for the Embassy interview
- 🏠 Accommodation arrangement
- 🏥 Health insurance arrangement
- ✈️ Visa support

## Upon arrival in Prague

- 🚗 Airport pickup & transfer
- 👤 Guided sightseeing tour of Prague
- 💳 Assistance with travel card purchase and money exchange
- 💻 Access to our detailed online student guide
- 🎓 Full support with university application and admission process
- 📄 Preparation of documents for nostrification
- 🇮🇹 Regular attendance and academic performance monitoring
- ✉️ Regular feedback for parents





# Entrance Exams & Top Technical Universities in the Czech Republic



## Czech Technical University in Prague (CTU) — Faculty of Mechanical Engineering

Admission: SCIO GAP

Mechanical Engineering

Mechatronics

Production and Power Engineering

€4,000–4,200 / year



## Brno University of Technology (BUT) — Faculty of Mechanical Engineering

Admission: SCIO GAP, English B1+

Mechanical and Automotive Engineering

Mechatronics

Industrial Design

€3,000 / year



## Technical University of Ostrava (VŠB-TUO) — Faculty of Mechanical Engineering

Admission: Online Mathematics entrance exam;  
proof of English proficiency (B1/B2) required.

Mechanical Engineering

Energy Engineering

Robotics

Industrial Engineering

€3,900–4,100 / year



## Czech University of Life Sciences Prague — Faculty of Engineering

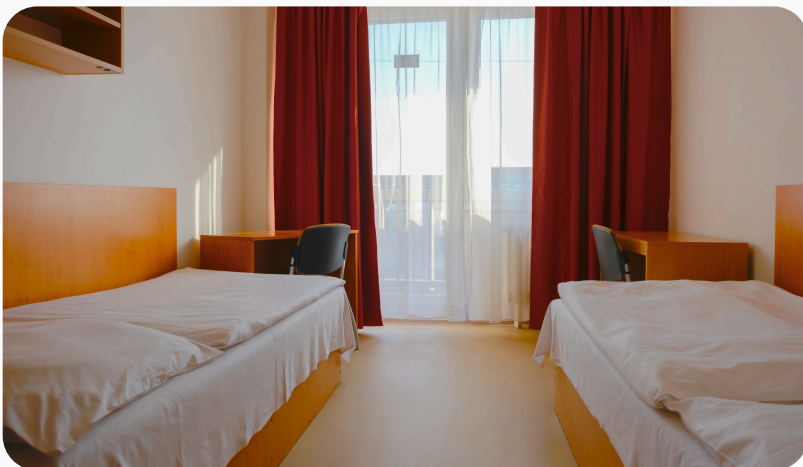
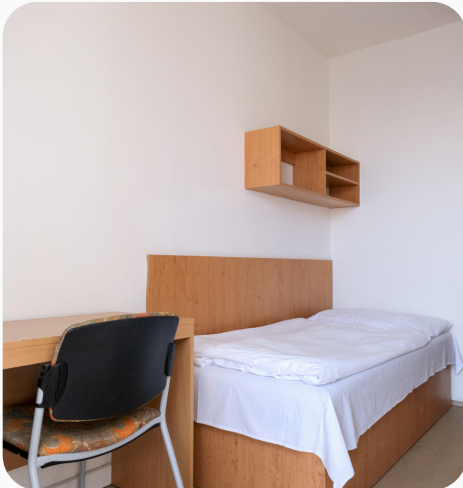
Admission: standard high school diploma + English proficiency;  
specific test or entrance exam

€1,000 / year



# Affordable living in Prague

Comfortable student residence located in Hloubětín, Prague — modern, safe, and well-connected by metro and trams. Ideal for international students seeking budget-friendly, quality accommodation while studying in Prague.



## Easy Student Living

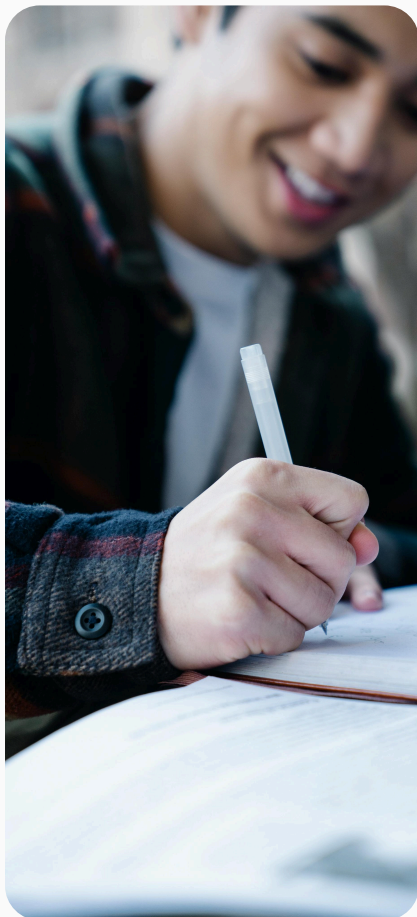
Shared studio or flat with kitchen shared between 2 students, furnished, high-speed internet included, laundry facilities on site.

## Price

€410 / month



# Where Can You Work After Graduation?



Engineering and Technical graduates are in high demand in the Czech Republic and across Europe, thanks to the country's strong industrial base and advanced manufacturing sector.



## Popular career paths

Mechanical or Electrical Engineer

IT and Software Engineer

Project Manager in Industry

Automation / Robotics Specialist

Civil or Construction Engineer

Production / Quality Engineer

## Average NET salaries in the Czech Republic

Entry-level Engineer

€2,000–2,500 / month

Experienced Specialist / Designer

€2,800–3,500 / month

Senior Engineer  
/Project or Production Manager

€3,800–5,000+ / month



# OCA Education Center – Prague, Czech Republic

 [oca-praga.cz](http://oca-praga.cz)

 [sergey\\_k@oca-praga.cz](mailto:sergey_k@oca-praga.cz)

 +420 720 947 306 (WhatsApp, Telegram)

 [@oca\\_praha](https://www.instagram.com/oca_praha)