



Engineering & Technology Foundation Course



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

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 - 1 300
language hours
per year

— the most intensive
preparation on the market.

Official partnerships

Official partner of leading state
universities in the Czech Republic:
ČZU, ČVUT, VŠCHT.





Engineering & Technology Foundation Course

Study period

September – May

Academic hours



 900h of English
& IELTS preparation
 100h of Mathematics

Study period

November – May

Requirement
English A2

Academic hours

 700h of English
& IELTS preparation
 100h of Mathematics

 900 / 700 academic hours of English and IELTS Exam Preparation

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

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



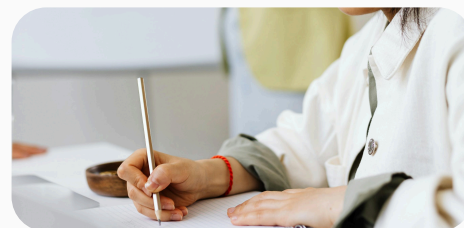
Motivation Letter & Video Practice

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



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

Thalerova dormitory

Dorm is set in dynamic Prague 3 — Žižkov. Comfortable, fully equipped rooms provide the perfect space for focused study and a vibrant European student experience.



Gym



Laundry room



Reception



Club room



Wi-fi



Great location



from €400 / month

Rooms5 residence

Rooms5 is an ultra-modern residence. Studio layouts and 24/7 reception offer European hotel-level comfort with all the perks of student life.



Gym



Private bathroom



Reception



Laundry room



Bed linen



Club room



from €420 / month

Fizz residence

THE FIZZ is a stylish Prague 7 hub. Private studios and 24/7 service blend premium community spaces with an active student lifestyle.



Gym



Private bathroom



Reception



Rooftop Terrace



Laundry room

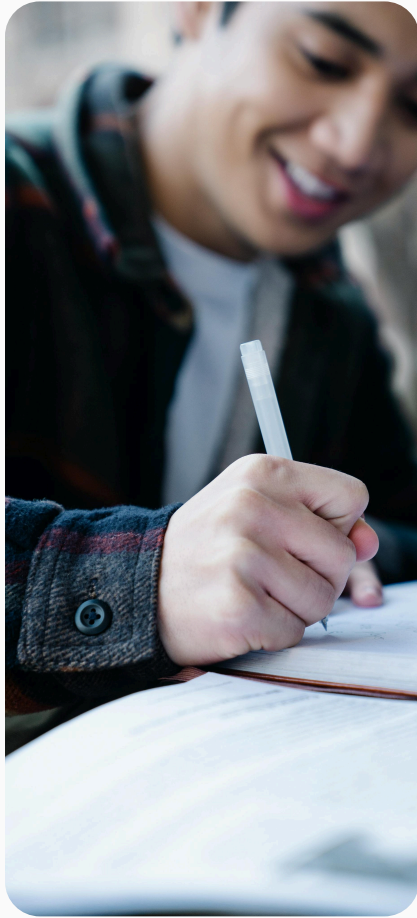


Movie Lounge

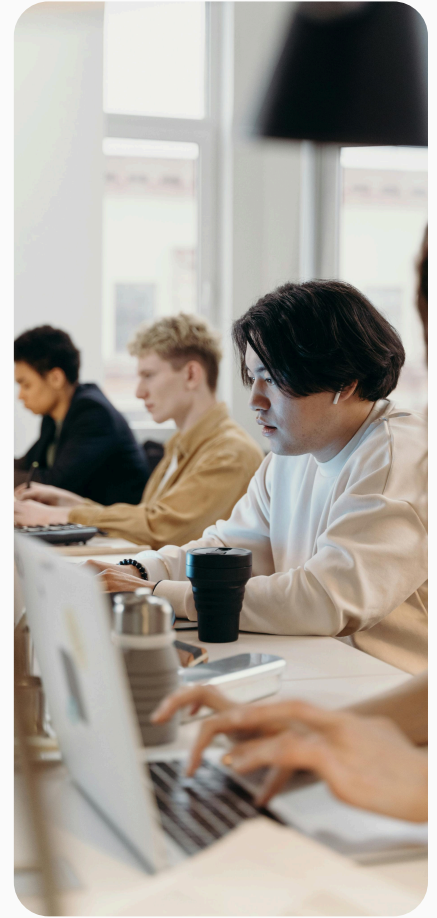


from €589 / month

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



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