Transport and Telecommunication Institute

Computer Engineering and Electronics

Study details

Course type: Bachelor's degree
Degree: Bachelor of Engineering in Computer Engineering and Electronics
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 3 500 EUR
Reg. fee : 200 EUR
Scolarship :
Insurance : N/A EUR

Intake/s

Spring-September/September-February

Requirements

- IELTS – (5.5 score)
- TOEFL IBT – (72 points)
- TOEFL PBT – (513 points)
- TOEIC – (605 points)
- FCE (First Certificate in English) – (160 points)
- CAE (Cambridge Certificate of Advanced English) – (160 points)
- CPE (Cambridge Certificate of Proficiency in English) – (160 points)
- Cambridge English: Business Vantage (BEC Vantage) – (160 points)
- Pearson Test of English Academic (PTE A) – (59 points)
- Cambridge English Linguaskill – (160 points)
- LanguageCert IESOL B2 (25 points)
- Duolingo (100 points)

Accommodation

Duck Republik students hotel is located just across the street from the Transport and Telecommunication Institute. The Hotel is around 15 minutes' walk from the city center, close to the railway station and just near the beautiful park.

Each room in Duck Republik is equipped with a bathroom and a fridge**.** All the prices include all utilities and Wi-Fi, as well as Bi-weekly room cleaning. 4 spacious kitchens are shared in the hall. Duck Republik also offers studio rooms with a small kitchen and air conditioner.

Hotel has everything you need under one roof for a comfortable stay: gym, yoga room, chill and study common area, parking, laundry, pool table and board games, Quacktails bar, Sony

PlayStation corner, constant events and parties, friendly staff and international community.

Additional information

About the Programme

Today's tech industry offers ready-to-use products, the combination and programming of which is the main task of a computer engineer. One of the top recommended by employers in Latvia, an updated programme combines the fields of computing electronics, industrial electronics, computer networks and telecommunication systems to develop the necessary skills and competences demanded by the 4th and 5th Industrial Revolutions. Professionals from the industry took part in study programme development, highlighting the need of specialists in electronics, with the specific understanding of how devices work and how to combine, integrate and program them, creating a unique functional product. Lectures are taught by both academics and industry experts, who educate on theory, practice, as well as on possible tasks in the industry and ways to solve them. Therefore students get a view at various things through the prism of the real work environment.

The study programme includes following study courses:

- Automation of Building Engineering Systems
- Control programs Design for Industrial Robots
- Cybersecurity
- Design of Automated Systems
- Development of Automated Industrial Systems
- Digital Telecommunication Systems Technologies
- Embedded Systems Design
- Internet of Things Engineering
- Mobile and Satellite Telecommunication Systems
- Software Engineering
- Wireless Communications and much more.