

SUMMER SCHOOL PROGRAMME JULY 1-26, 2024

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TSI

TRANSPORT AND
TELECOMMUNICATION
INSTITUTE



ENGLISH FOR

IT

PROFESSIONALS

Summer School 2024

The summer school will take place in Riga, Latvia, led by the TSI, Transport and Telecommunication Institute.



Venue of the Summer School

TSI, Transport and Telecommunication Institute

1 Lomonosova Street, Riga, Latvia,
15 min from the city centre



Target Audience

IT students & working professionals in IT sectors - software developers, IT support technicians, systems analysts, program managers etc.

Students should have a minimum of A2-B1 level, who want to improve their English.



Programme Fees

1350 EUR per participant

The fees include:

- 4-week classes, workshops (80 hours)
- All study materials, access to the biggest STEM e-library in Latvia will be available online at e.tsi.lv
- Lunch & coffee/tea at TSI
- Cultural activities every Friday

Not included:

- Accommodation
- Breakfasts, dinners
- Transportation card
(30 EUR per month: all public transports, excl. trains)
- Approx. budget per month - 500 EUR



Recommended Accomodation

Students hotel "Duck Republik" is located just across the street from the TSI university. Hotel has gym, yoga room, chill and study common area, laundry, pool table etc.



Why Join Us?

This intensive 4-week course aims to equip IT students and professionals with industry specific English skills to communicate confidently in international work contexts.

Through specialized practical modules delivered in morning lessons, students will enhance their technical vocabulary and language skills. Afternoon lessons will provide additional skills practice, workshops, and talks. On Fridays, cultural experiences are planned to showcase Latvia's history. By experiencing Latvia's culture, nature, and cosmopolitan cities, while developing critical workplace English abilities, **students will gain invaluable insight and preparation for today's global IT industry.**

As a growing regional tech hub situated at the crossroads of Northern and Eastern Europe, Riga provides an immersive location for this course. Known as the Silicon Valley of the Baltics, it houses major IT companies and outsourcing centers, start-up incubators, and a skilled talent pool that serves global clientele.

Beyond the vibrant digital landscape, Riga has an 800-year rich history blended with a thriving modern expat culture. **Students can practice their conversational English everywhere** from the historic Old Town to the lively Social Kuarltas where locals and tourists get together to enjoy the Latvian summer.

As the largest metropolis in the Baltics, Riga enables students to **put their technical language skills directly into practice** while also soaking up Latvian food, music, architecture, nature, lifestyle. Exciting day trips are also easily accessible.

By choosing Riga as the destination for this intensive IT English course, **students will boost their technical abilities & gain cultural experiences** to prepare for international IT workplace contexts.



Summer Programme 2024

Join us in Riga, Latvia in July and become a part of exciting experience in one of the most innovative universities in Europe! Check out our summer modules.

During this 4-week intensive programme we will cover the following topics:



Week 1 - Technology and Communication

Module 1: Communicating about Information Technology Covers IT terminology, components, processes, instructions, explanations, and technical writing formats

- Introductions, icebreakers, review of A2/B1 grammar
- Technology vocabulary: Internet vs web, memory terms, common IT abbreviations
- Present simple vs present continuous: Ask and explain processes like web hosting, cloud storage
- Asking technical questions: Formulations for clarification, discussing troubleshooting
- Explaining technical processes: Give instructions on setting up accounts, connections
- Sequencing tasks: Time order words for troubleshooting steps, project phases
- Writing emails and updates: Format, style, language for IT status reports, documentation



Week 2 - Software and Hardware

Module 2: Working with Computer Systems, Focuses on hardware/software vocabulary, issues, troubleshooting processes, recommendations, and documentation

- Computer parts vocabulary: Motherboard, RAM, graphics card, peripherals
- Passive voice and imperatives: Polite commands for user guides, device instructions
- Describing device issues: Ways to clearly explain software-hardware problems
- Making IT recommendations: Language for suggesting apps, tools, solutions
- Modals of advice: Should, could, must when providing IT consultation
- Reading troubleshooting guides: Identify issues & solutions from manuals
- Social media posts: Comment and contribute on IT forums, boards

The course will be delivered by a team of experienced native English speakers and proficient TSI staff members.

Summer Programme 2024

The instructors will utilize a practical, hands-on teaching approach to effectively upgrade students' industry-specific language skills.



Week 3 - Programming and Algorithms

Module 3: Understanding Coding and Algorithms Introduces programming concepts, syntax, explaining logic flows, writing precise instructions and comments in code

- Programming vocabulary: Syntax, scripting, compilers, data types, operators
- Sequence words and connectors: Link steps while explaining logic flows
- Conditionals and if/then: Requests related to basic code functions
- Explaining algorithms: Use diagrams and examples to illustrate programming sequences
- Coding instructions: Imperatives and precision language to describe builds
- Reading code samples: Extract key information like inputs, outputs, variables
- Commenting code: Explain functions and rationale behind logic flows



Week 4 - Jobs and Career

Module 4: Succeeding in IT Workplaces, Builds English skills for IT jobs, experiences, interviews, workplace culture and communication formats on the job

- IT jobs: Applications analyst, web developer, data engineer, scrum master
- Past work experiences: Timelines, background stories, accomplishments
- Job interview questions: Common IT questions and strong responses
- CV/resume writing: Profile, work history, technical skills section
- Formal vs. informal: Compare memos, emails, texts for workplace contexts
- Workplace idioms: Phrases like "cracking the code", "debugging", "server went down"
- Social interaction: Banter, small talk, hospitality, agreements and disagreements

Cultural Programme

Latvia represents versatile environment: European metropolis Riga, coastal and historical towns, with unique architecture, countryside, forests & Baltic Sea.



Riga Old City Tour & Museums

The historical centre of the Latvian capital was inscribed on the UNESCO World Heritage List as 'the finest collection of Art Nouveau buildings in Europe'. Museums dedicated to various historical topics will guide you through the centuries.



Jurmala City & Sea Coast

Jurmala is the biggest resort city on the shores of the Baltic Sea in a comfortable geographical location, just 20 km from the capital of Latvia, Riga.



Cesis City & Medieval Castle

Cesis is one of the oldest towns that directly represents Latvian cultural heritage. Cesis Castle is one of the most iconic and best preserved medieval castles in Latvia.



Gauja National Park

The Gauja National Park is the largest and oldest of the national parks in Latvia, with the great biological diversity and unique natural, cultural and historical monuments.



Latvia is an Eastern European country situated in the Baltic Sea region, right between Lithuania and Estonia.

Latvia, Riga

Around 50% of Latvia's territory is covered by forests, making it one of the greenest countries of the EU. Latvia has the benefit of experiencing all four seasons and it's magical gifts. With 18 hours of sunlight at the peak of the season, summer time is prime at the country situated at seashore.

Latvia is one of the most technologically advanced nations with the fourth fastest Internet speed in the world. In both urban and rural areas speeds of at least 100 Mbps are within hand's reach, as well as 5G coverage for all large urban areas is in process to ensure even bigger progress.

Latvian national sport is ice hockey, closely followed by basketball. The Latvian men's national ice hockey team achieved a historic milestone by securing their first-ever bronze medal at the 2023 IIHF Ice Hockey World Championship. In a parallel feat of excellence, the Latvian men's national basketball team attained an unprecedented 5th place at the 2023 FIBA Basketball World Cup.

Latvian cuisine is renowned for its natural ingredients, unique flavour combinations and exceptional service. Many people enjoy growing their own fruits and vegetables or harvesting wild berries and mushrooms from the forests. In 2023, a Latvian restaurant has been awarded a Michelin star for the first time.



TSl, Transport and Telecommunication Institute

TSl is the only private technical university of applied sciences in the Baltics, which combines an exceptional approach with a versatile international community.

Creating a modern and dynamic environment, TSl is the university where a unique fusion of technology, innovation, and science works effectively towards preparing socially beneficial specialists for high-demand roles in IT, Robotics, Computer Engineering & Electronics, Aviation, Logistics and Business & Management.

In cooperation with the UWE Bristol university (UK), TSl designed double degree programmes that provide education in accordance with the world-class UK quality standards in the fields of artificial intelligence, data analytics and aviation management.

TSl offers a wide range of scientific, professional and networking events and activities, and aims at merging traditional education with an innovational approach.



I recommend getting to know and joining TSl community as both within courses & friends you make – you feel welcomed. And that's one thing, that as I think, any foreign student would want to feel.

*Robert Nantchouang,
EPITA (France)
Summer School participant 2023*



**Conquer intellectual
challenges**

**Upgrade to a new
achievement**

**Meet new friends &
inspire from professionals**

**Connect with like minded peers
and supportive mentors**

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