

Catalogue of Teacher Profiles 2019-2020

Dear Partners,

Over 25 years VGTU Antanas Gustaitis' aviation institute aims at preparing highly qualified professionals. Our graduates are acquainted with the newest tendencies in the fields of aeronautical, electrical, mechanical engineering and electronics.

Antanas Gustaitis' Aviation Institute offers a wide range of study programmes for the future aviation specialists. The students are welcome to opt for the Aviation Mechanics Engineering, Aircraft Piloting, Air Traffic Control and Avionics study programmes. The educational process is organised at all three study cycles and there are also training possibilities provided for the specialist qualification improvement.

Aircraft Piloting and Air Traffic Control study programmes are organised as integrated study programmes with the applicant obtaining a Master's degree in Aeronautics Engineering within 5 years and are offered entirely in English. In other programmes there are optional courses in English and an entire English term in the Aviation Mechanics study programme. Our student training is carried out using our own fleet in Kyviskes airfield as well as simulators for both pilot and air traffic controller training.

Our faculty members willingly participate in mobility programmes as well as attend international conferences, seminars and workshops. Participation in mobility programmes usually results in new bilateral agreements between educational institutions, facilitates new research with foreign partners and evolves valuable projects at universities worldwide.

This catalogue is aimed at introduction of our teaching staff who are willing to share their knowledge and experience with the students from our partner universities. Therefore, if you seek a partner to deliver a lecture, a workshop or a seminar, take a glance at the catalogue and maybe you will find a perfect match right here.

Also, our faculty is willing to welcome visiting academic staff to deliver lectures at Vilnius Gediminas Technical University, Antanas Gustaitis' Aviation Institute. The faculty is open for the scholars who are willing to share their valuable knowledge with the students.

Dr Justas Nugaras Dean of Antanas Gustaitis' Aviation Institute E-mail: <u>justas.nugaras@vgtu.lt</u>



Domantas Bručas





Assoc. Professor in Measurement Engineering



Subjects taught:

Engineering of Airplane Propellers
Aviation Engine Theory
Aircraft Units and Systems
Propulsion Aircraft and Metering Systems
Aviation Engines
Aircraft General Knowledge: Power Plant
Aviation Engines and Their Thermodynamics
Construction of Aircraft, Airframe and Functional Systems
General Information about the Aircraft: Airframe
General Knowledge of Aircraft: Engines



Languages:

English Russian Polish



domantas.brucas@vgtu.lt



Laurynas Mačiulis





PhD student in Aerospace Systems



Subjects taught:

Aviation Development and Introduction of Study Flight Performance, Planning and Monitoring Capstone Airplane Design Project Introduction to UAV and Spacecraft Technology Dynamics of Flight



Languages:

English Russian German



laurynas.maciulis@vgtu.lt



Darius Rudinskas





Assoc. Professor in Engineering



Subjects taught:

Unmanned Aerial Vehicles and Their Systems
UAV Design
Design of Unmanned Aerial Vehicle Systems
Fundamentals of Unmanned Aerial Vehicle Systems



Languages:

English Russian



darius.rudinskas@vgtu.lt



Vytautas Rimša





Assoc. Professor of Mechanical Engineering



Subjects taught:

Optimisation of Aviation Constructions with Finite Element Method Modeling of the Aircraft Geometry
Aircraft complex project
CAD/CAM/CAE aviation
Aviation History
Integrated Course Project



Languages:

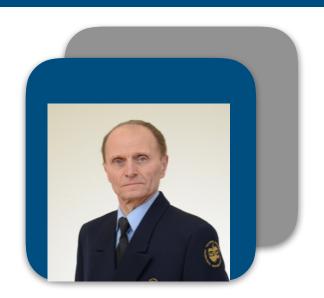
English Russian



vytautas.rimsa@vgtu.lt



Eduardas Lasauskas





Assoc. Professor in Technology



Subjects taught:

Aerodynamics of Airplane Principles of Flight: Aircraft Principles of Flight and Flight Performance Supervision of BA Final Theses Automated Airplane Control



Languages:

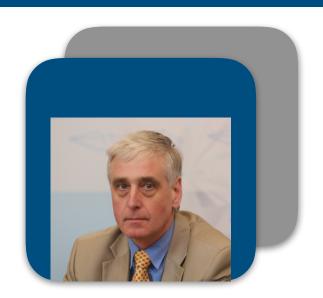
English Russian German



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Bronius Merkys





Qualification in the field of Aeronautical Engineering and Aviation Mechanics



Subjects taught:

Aircraft Functional Systems
Helicopter Engineering
Principles of Flight: Helicopter
Aviation Development and Introduction of Study
Aircraft Manufacturing and Repair Technology



Languages:

French Russian German



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Tadas Masiulionis





Assoc. Professor in Avionics



Subjects taught:

Aviation Electronics
Radio Frequency Schemes in Aviation Technology
Microprocessor and Digital Techniques
Radionavigation and radiolocation methods



Languages:

English Russian



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Ramūnas Kikutis





Assoc. Professor of Transport Engineering



Subjects taught:

Air Law General Aeronavigation



Languages:

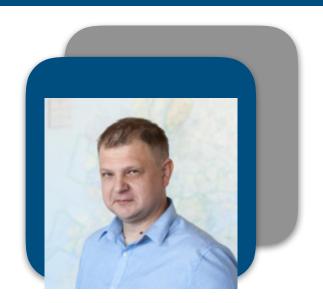
English



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Gediminas Pupšys





MA in Business Management Qualification of Engineering Sciences and Air Traffic Control



Subjects taught:

Professional Environment Air Traffic Control Theory



Languages:

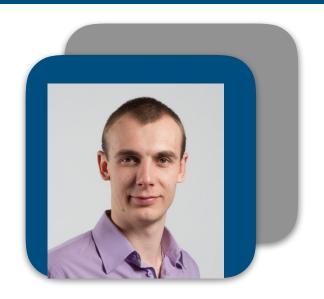
English



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Ugnius Ragauskas





Lecturer at the Department of Aviation Technologies PhD student at the Department of Aviation Mechanics



Subjects taught:

General Navigation



Languages:

English



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Egidijus Rikteris





Lecturer at the Department of Aviation Technologies



Subjects taught:

Air Traffic Organisation Approach, Radar and Control Service



Languages:

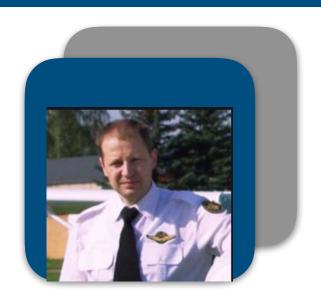
English



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Kęstutis Šilkaitis





MA in Mechanical Engineering



Subjects taught:

Flight Safety Aviation and Flight Safety Air Traffic Safety



Languages:

English Russian



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Sergejus Zakrevskis





MA in Transport Engineering and Business Management



Subjects taught:

Flight Procedures Meteorology Air Traffic Organization Flight Characteristics and Planning



Languages:

English Russian



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Rosita Kanapeckaitė





MA in Law
MA in Psychology
PhD student in Organisational Psychology



Subjects taught:

Human Performance and Limitation Human Factor



Languages:

English



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Vytautas Paulauskas





PhD in Engineering



Subjects taught:

Mechanics of the Aircraft Construction Construction of Aircraft



Languages:

English Russian Polish



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Saulius Rudys





PhD in Physics



Subjects taught:

Aircraft Communication, Navigation and Data Systems Aviation Radio Frequency Technique



Languages:

English Russian



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Aleksandr Lapušinskij





Lecturer at the Department of Aeronautical Engineering Head of the Laboratory of Aeronautics

mead or the Laboratory of Aeronautics



Subjects taught:

UAV Design



Languages:

English Russian



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Tomas Pupinis





MA in Aeronautical/ Aerospace Engineering



Subjects taught:

Aircraft Technical Supervision Unmanned Aircraft Technical Supervision



Languages:

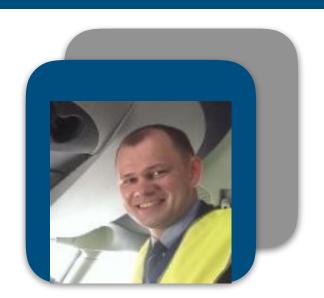
English Russian



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Vincas Šnirpūnas





MA in Aviation Mechanics



Subjects taught:

Aviation Law



Languages:

English Russian



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Giedrius Juočbalis





MA in Aeronautical Engineering



Subjects taught:

Finite Element Method Supervision of BA Graduation Theses



Languages:

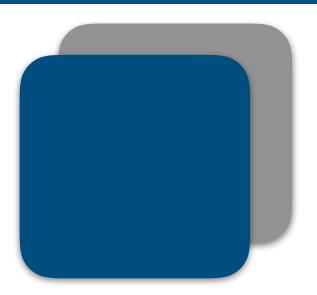
English Japanese



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Anrieta Dudoit





MA in Transport Engineering
PhD student in Transport Engineering



Subjects taught:

Aviation English and Phraseology Theory of Air Traffic Control



Languages:

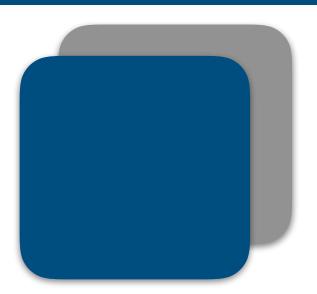
English Russian Polish



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Gytė Tupčiauskaitė





MA in Transport Engineering



Subjects taught:

Air Traffic Rules and Procedures Aviation English



Languages:

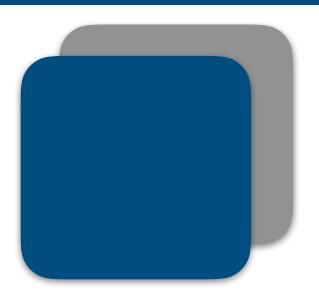
English French



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Kęstutis Leonavičius





Qualification in the field of Aviation Engineering and Aviation Mechanics



Subjects taught:

Aircraft Design Aviation Systems of Computer Design



Languages:

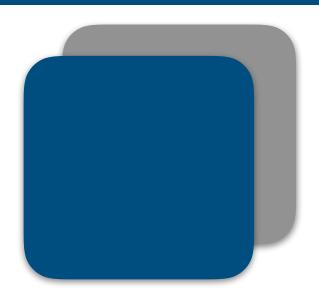
English Russian Polish



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Danas Špokas





Lecturer at the Department of Aeronautical Engineering



Subjects taught:

Technical Supervision of Aviation Electronics Equipment and Systems Aircraft Type Engineering



Languages:

English Russian



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Andrius Stankevičius





Lecturer at the Department of Aeronautical Engineering



Subjects taught:

Aircraft Electronic Navigation Systems Aircraft Radar Systems



Languages:

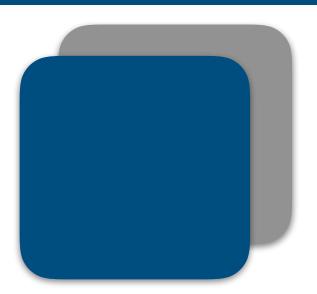
English



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Ivan Suzdalev





Assoc. Professor in Educational Assessment, Testing and Measurement



Subjects taught:

Design of Avionics and Engineering Technology Avionics Integrated Course Project



Languages:

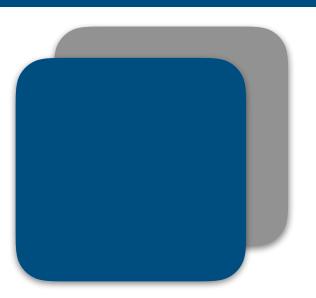
English Russian



ivan.suzdalev@vgtu.lt



Saulius Valentanavičius





Lecturer at the Department of Aeronautical Engineering



Subjects taught:

Aircraft Digital Techniques and Electronic Instrument Systems



Languages:

English



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Dear Partner,

If you seek international teaching experience we would be pleased to have you at the following courses:

Airports and their light signal systems
Aviation English
Aviation and Flight Safety
Electronic Flight Instrument Systems
Unmanned Aerial Vehicles and Their Systems
Meteorology
Aircraft General knowledge: instruments
Aircraft General Knowledge: electronics
Mass and Balance
General Navigation
Aircraft General Knowledge: Airframe
Flight Fundamentals
Aircraft General Knowledge: Systems
Approach Radar Control Service

Aerodrome Command Technology
Air Traffic Control Theory
Aviation Devices
Aviation Law
Air Transport Management
Aircraft Design
Dynamics of Flight
Aircraft Type Engineering
Aircraft Functional Systems
Technical Diagnostics of the Aircraft
Technical Supervision of the Aircraft
Mechanics of the Aircraft Structure
Aviation Devices
Aircraft Digital Techniques and Electronic Instrument Systems
Aviation Radio Frequency Technique

If you have any questions, please do not hesitate to contact our mobility coordinator at: alisa.stunzaite@vgtu.lt

We look forward to meeting you at AGAI!