

CURRICULUM VITAE

Name, surname: Alvydas Nikolajus
Date of birth: 1965-11-20
Email: a.nikolajus@lajm.lt
Address: Kalnelio 13, Ginduliai, Klaipėdos region, Lithuania
Marine grade: Ch. Engineer for ships with main engine power up to 3000 kW (since 1999)
Education: Master degree

Educational institution	Study program	Qualification obtained	Year of graduation
St. Peterburg State Maritime Academy	Operation of ships' energy equipment	Master degree	1991
Lithuanian Maritime Academy	Inland and marine training program for persons seeking the right to operate motor pleasure craft without engine power endorsements	International certificate of qualification for the skipper of a motor pleasure boat	2021

Pedagogical work experience:

Institution	Duties	Year
Lithuanian Maritime Academy	Member of the examination board, chief instructor, lecturer, head of the ship energy equipment department, lecturer	2003 – up to now

Taught study subjects:

Name of the study subject
Technical service and repair of ships' energy equipment
Ship steam and gas turbine installations
Final Seagoing Training of Professional Activity
Ship and ship power plant equipment
Maritime Law
Seamanship basics

Practical work experience:

Institution	Duties	Year
AB Lithuanian Shipping Company	Ship's engineer (4 th, 3 th engineer)	1991 - 1998
UAB Towage and Marine Assistance	Ship's engineer (2th, chief engineer)	1997 - 2003
Lithuanian Maritime Safety Administration	Senior specialist, ISM, ISPS, ISO auditor, MLC inspector	2003 - 2018

Lithuanian Maritime Academy	Member of the examination board, chief instructor, lecturer, head of the ship energy equipment department, lecturer	2003 - up to now
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Qualification improvement (studies, conferences, seminars, internships, courses, etc.):

Event date	Event name	Event type	Duration, h	Event location/Organizer
2002-10-24/25	Internal quality audit	Training	16	Klaipėda/IRS konsultantai
2004-04-19/20	Constitutional structure of state management	Training	16	Klaipėda/KU
2004-10-18	Development of the law of the Republic of Lithuania, system, legislation	Training	8	Klaipėda/KU
2004-05-04	Institutional structure of the European Union	Training	8	Klaipėda/KU
2005-04-18/22	ISO 9000:2000 Head of the audit team	Training	40	Palanga/ BV QI
2005-07-13	Training courses for assessors according to STCW requirements	Training	16	Klaipėda/LAJM
2008-10-14	Improving the qualification of internal auditors	Training	16	Klaipėda/UAB „Telebaltikos konsultacija“
2009-12-16	Internal audit of the quality management system	Training	8	Klaipėda/ UAB „Telebaltikos konsultacija“
2008-11-27	ECDL courses for computer users	Training	22	Klaipėda/ IĮ „Navigatorius“
2010-01-28	Computer user courses	Training	32	Klaipėda/ IĮ „Navigatorius“
2011-08-11	Specialized English language courses	Training	100	Klaipėda/Kalbų mokykla „Lingua perfecta“
2013-10-08/10	ISM Training for lead auditors	Training	24	Lisabona/EMSA; GL
2016-03-15/16	ISPS Code	Training	16	Lisabona/EMSA; ChartCo Training
2015-04-01	Cargo	Training	8	Online/EMSA
2015-04-24	MLC	Training	8	Online/EMSA
2015-10-26	ISM Code	Training	8	Online/EMSA
2015-11-13	Fire fighting and fire safety	Training	8	Online/EMSA
2016-10-07	Paris MOU inspection procedures	Training	8	Online/EMSA
2016-11-22	Another type of corruption prevention	Workshop	8	Klaipėda/UAB „Praeventi“
2018-09-11/14	Instructor assessor IMO 6.09, IMO 6.10	Training	32	Liepoja/ Novikontas Maritime College
2019-05-15/16	LNG Forum	Conference	16	Klaipėda/LR Susisiekimo ministerija
2019-07-08/09	TRANSAS ERM simulator	Training	16	Klaipėda/ Wartsila

2019-09-18	Methods and means of combating environmental pollution with oil products	Workshop	8	Klaipėda/ UAB „Garantas“;
2019-11-27	Traditional ships	Conference	8	Klaipėda/ LR Susisiekimo ministerija; Klaipėdos jūrų muziejus
2019-12-05	Shipping Workshop	Workshop	8	Klaipėda/ DNV; KU
2019-12-06	Modern teaching methods	Training	8	Kaunas/ Kaunas University of Technology
2020-03-17	Methods of increasing ship efficiency, hull coatings	Online workshop	6	Online
2020-03-20	Google Education mokymo įrankiai	Online workshop	6	Online
2020-04-24	LNG fueled ships	Conference	4	Online
2020-04-24	Combustion technology and Potential/Challenges of Carbon neutral fuels	Conference	4	Online
2020-04-30	Ideal Team Player	Conference	4	Online
2020-05-08	“Safety Engineering: Assumptions and Practice”	Online workshop/ Webinar	4	Online/ Klaipėdos Universitetas)
2020-05-14	Developing Efficient, Robust and Reliable Scrubbers to Meet IMO Sulphur Cap 2020	Online workshop	4	Online/ AVL
2020-05-08	Webinar “Safety Engineering: Assumptions and Practice”	Online workshop	4	Klaipėda(Klaipėdos Universitetas)
2020-09-23	Baltic - Black Sea Economic Forum	Conference	8	Online/ Ministry of Transport of Ukraine
2020-09-29	Engine design and operation for emission compliance today and tomorrow	Online workshop	2	Online/Nautical Institute
2020-09-29	Enhanced turbocharger care from drydock to drydock	Online workshop	2	Online/Nautical Institute
2020-10-01	Maritime Business Forum "Looking at Blue Growth Prospects"	Conference	8	Online/Nautical Institute
2020-10-02	Drivetrain innovation: what’s new on the engine block?	Online workshop	2	Online/Nautical Institute
2020-10-07/09	Marine and coastal research	Conference	12	Online/KU
2020-10-14	Marine Science Day	Conference - discussion	8	Online/KU
2020-10-15	Alternative fuels	Conference	4	Online/Nautical Institute
2020-10-21	ABB Industry Expert day	Conference - discussion	2	Online/ABB Industry

	“Optimize or Innovate”			
2020-11-26	MEPC 75 – mandatory CO2 reduction measures to affect all maritime stakeholders	Online workshop	2	Online/DNV-GL
2020-12-08	Onboard revolution using predictive analytics to optimize asset maintenance	Online workshop	2	Online/Nautical Institute
2020-12-10	Digital Assessment Webinar	Online workshop	2	Online/Nautical Institute
2021-04-30	LNG Bunkering Simulator Techsim	Training	24	Klaipėda/ Wartsila
2021-05-13	Inland and marine training program for persons seeking the right to operate motor pleasure craft without engine power endorsements	Training	140	Klaipėda/LAJM
2021-10-26	ABS Sustainability Summit	Conference	4	Online/ABS
2021-10-27	The Power of Hydrogen as Marine Fuel	Online workshop	2	Online/ABS
2021-11-02	Climate-neutral into the future - What can we do?	Online workshop	4	Online/Lübecker Hafen-Gesellschaft mbH
2021-11-17	Anchor losses – how can we improve?	Online workshop	2	Online/DNV
2021-11-17	Diesel & Gas Turbine Worldwide: Hydrogen outlook	Online workshop	2	Online/Diesel & Gas Turbine Worldwide
2021-11-25	Class-approved, fast and cost-effective LNG retrofits for tankers, bulkers and containers	Online workshop	2	Online/Nautical Institute
2021-11-30	Integrated energy production - Unlock your system’s power	Online workshop	2	Online/MAN Energy Solutions
2021-12-01	MEPC 77 Outcomes and Industry Impact	Online workshop	2	Online/ABS
2021-12-08	Bunker Choices for the Future	Online workshop	2	Online/Nautical Institute
2021-12-09	Series Compressors: ultra-high pressure ratio and map width in a single turbocharger	Online workshop	2	Online/Mobex
2021-12-15	Ammonia hazard modelling	Online workshop	2	Online/DNV
2022-03-29	VR Maritime Training Webinar	Online workshop	2	Online/Nautical Institute
2022-03-31	Energy transition initiatives: Hydrogen	Online workshop	2	Online/DNV
2022-05-18	Diesel & Gas Turbine Worldwide Summit	Conference	6	Online/Nautical Institute

Knowledge of foreign languages:

Languages	Understanding	Talking	Writing	Level
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English	+	+	+	B2
Russian	+	+	+	C2
Lithuanian	+	+	+	C2

Software products: Windows TM operating system, MS Internet Explorer TM, MS Word TM, MS PowerPoint TM, MS Excel TM, digital photos (photography).

Working in a Google Meet virtual learning environment.

Skills in conducting scientific research, analyzing scientific literature, analyzing experimental data, preparing scientific publications and methodological materials.

Lectures, conflict resolution, negotiation, laboratory and exercise management skills.

List of scientific publications, books:

Vladimir Borovichin, Mindaugas Česnauskis, Marijus Jacevičius, Vladimir Januškins, Martynas Jonkus, Linas Kasparavičius, Idmontas Lukauskas, Ričardas Maksimavičius, Stanislovas Mikaločius, **Alvydas Nikolajus**, Viktoras Senčila, Vladimirs Solovjovs, Robertinas Tarasevičius, Artūras Virkētis "Educational book for management level ship engineers", 2011, KU.

Gavėnas, J., **Nikolajus, A.** (2021). An Analysis of Reducing Greenhouse Gas Emissions from Ships Using Alternative Marine Fuels. Development of a sustainable environment, KVK

Alvydas Nikolajus, Audra Skaisgiriene (2020). Analysis of technologies for reducing sulfur compounds in marine fuel. Development of a sustainable environment, KVK.

Alvydas Nikolajus, Audra Skaisgiriene (2020). Effect of salinity on active algae. Marine and Coastal Research, KU

I confirm that the information I provide is correct.