

Course code	Course name (English)	Hours	ECTS	Oblik nastave (engleski jezik)	Level	Semester	E-mail
18454	Mechatronics II	30+30	5	3-Djelomično 2	G	S	josko.petric@fsb.hr
18499	Assembly Automata	30+30	5	2-Djelomično 1	U	W	zkunica@fsb.hr
18500	Packaging Automation PE	30+30	5	2-Djelomično 1	G	W	zkunica@fsb.hr
18501	Packaging Automation	30+15	4	2-Djelomično 1	G	W	zkunica@fsb.hr
18502	Ship Acoustics	30+30	7	4-Potpuno	G	S	nikola.vladimir@fsb.hr
159380	Logistics Systems Modelling	30+30	5	2-Djelomično 1	G	W	goran.dukic@fsb.hr
18540	Vibration Theory	30+15	4	4-Potpuno	G	W	josko.parunov@fsb.hr
159379	Special Chapters in Engineering Logistics	30+30	5	2-Djelomično 1	U	W	goran.dukic@fsb.hr
18559	Production System Planning	30+30	5	2-Djelomično 1	U	W	zkunica@fsb.hr
18628	Numerical Methods in Continuum Mechanics	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18629	Numerical Methods in Aeronautical Engineering II	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18635	Offshore Structures	30+0	2	3-Djelomično 2	G	W	ivan.catipovic@fsb.hr
18638	Material Removal	30+15	4	2-Djelomično 1	G	S	tudiljak@fsb.hr
159814	Foundry Automation	30+30	5	2-Djelomično 1	G	W	branko.bauer@fsb.hr
18664	Ship Outfit	45+30	6	4-Potpuno	G	S	vedran.slapnicar@fsb.hr
18666	Ship Design	45+60	8	4-Potpuno	G	W	vedran.slapnicar@fsb.hr
18674	Fundamentals of Ship Vibration	30+30	5	4-Potpuno	G	W	josko.parunov@fsb.hr
159780	Material Removal Processes	30+30	5	2-Djelomično 1	U	W	tudiljak@fsb.hr
18710	Reliability of Marine Power Plants	30+15	4	4-Potpuno	G	W or S	nikola.vladimir@fsb.hr
18725	Structural Analysis	30+15	4	2-Djelomično 1	G	W or S	smiljko.rudan@fsb.hr
18735	Ship Vibration	45+30	7	4-Potpuno	U	W	josko.parunov@fsb.hr
18750	Steam Generators	45+30	5	2-Djelomično 1	U	S	mcehil@fsb.hr
159149	Intelligent Process Planning	30+15	3	2-Djelomično 1	G	S	predrag.cosic@fsb.hr
18762	Combustion and Radiation Modelling	30+30	5	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18776	Production Management	30+45	5	2-Djelomično 1	U	W	nstefan@fsb.hr
159241	Ship Hydrodynamics - Laboratory	0+30	2	4-Potpuno	G	S	nastia.degiuli@fsb.hr
159240	Ship Resistance and Propulsion	45+30	6	4-Potpuno	U, G	S	nastia.degiuli@fsb.hr
159242	Computer Aided Nondestructive Testing	30+15	4	3-Djelomično 2	G	S	damir.markucic@fsb.hr
18796	Thermal Power Plant Planning	30+15	4	2-Djelomično 1	G	W or S	mcehil@fsb.hr
24184	Work Study and Ergonomics	30+15	4	2-Djelomično 1	U	S	predrag.cosic@fsb.hr
18803	Thermal Power Plants	45+15	4	2-Djelomično 1	U	W	mcehil@fsb.hr
18941	Ship Structural Design	30+15	4	3-Djelomično 2	G	W or S	jerolim.andric@fsb.hr
18962	Welding and Assembly	60+30	7	2-Djelomično 1	U	W	zkunica@fsb.hr
159257	Internal Combustion Engines A	45+30	5	2-Djelomično 1	U	S	darko.kozarac@fsb.hr
159262	Computer Simulations in Engine and Vehicle Development	15+45	5	3-Djelomično 2	G	W	darko.kozarac@fsb.hr
19567	Environmental Protection	30+15	5	3-Djelomično 2	G	S	slaven.dobrovic@fsb.hr
158553	Theory of Structures	45+30	6	4-Potpuno	U	W	smiljko.rudan@fsb.hr
19571	Small Ships	30+0	2	4-Potpuno	G	W	vedran.slapnicar@fsb.hr
19669	Water, Fuels and Lubricants	45+30	6	2-Djelomično 1	G	S	slaven.dobrovic@fsb.hr
20137	Strategic Management	30+30	5	2-Djelomično 1	G	W	gbaric@fsb.hr
33805	Numerical Methods in Continuum Mechanics	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
159704	Design of Experiments	30+30	5	2-Djelomično 1	G	W	hrvoje.cajner@fsb.hr
159246	Aircraft Systems and Equipment II	30+15	4	3-Djelomično 2	G	S	josip.j.stepanic@fsb.hr
39954	Collision and Grounding as Design Criteria for Ship Structures	30+15	4	4-Potpuno	G	W or S	smiljko.rudan@fsb.hr
39994	Assembly Automata	30+30	5	2-Djelomično 1	G	W	zkunica@fsb.hr
159259	Internal Combustion Engines B	30+15	4	4-Potpuno	U	W	darko.kozarac@fsb.hr
46489	Mechanical Integrity of Structures	30+15	4	3-Djelomično 2	U, G	S	zeljko.bozic@fsb.hr
73035	Boilers	30+15	4	4-Potpuno	G	S	mcehil@fsb.hr
73039	Distributed Generation	30+15	4	4-Potpuno	G	W	drazen.loncar@fsb.hr
75761	Probabilistic Approach to Damage Stability	30+15	4	4-Potpuno	G	W or S	vedran.slapnicar@fsb.hr
90433	Combustion and Radiation Modelling	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
171295	Navigation Systems	15+30	4	3-Djelomično 2	G	W	josip.j.stepanic@fsb.hr
159325	Materials Recycling	30+15	5	4-Potpuno	G	W	irena.zmak@fsb.hr
95619	Polymeric Materials	30+15	4	4-Potpuno	U	S	tatjana.haramina@fsb.hr
103239	Mechanics of Composite Materials	30+15	4	3-Djelomično 2	U	S	ivica.smojver@fsb.hr
103299	Fatigue Reliability and Rational Inspection Planning	30+15	4	4-Potpuno	G	W or S	josko.parunov@fsb.hr
103304	Ship Structure Reliability with Respect to Ultimate Strength	30+15	4	4-Potpuno	G	W or S	josko.parunov@fsb.hr
103305	Quality Management	30+30	5	4-Potpuno	G	S	biserka.runje@fsb.hr
103306	European Global Product Realization Course I	15+30	4	4-Potpuno	G	S	neven.pavkovic@fsb.hr
103307	European Global Product Realization Course II	15+30	4	4-Potpuno	G	S	neven.pavkovic@fsb.hr
103308	Fatigue Strength of Structures	30+15	4	4-Potpuno	U	S	zeljko.bozic@fsb.hr
111637	Dynamics of Multibody Systems	30+15	4	4-Potpuno	U	W or S	zdravko.terze@fsb.hr
111642	Environmental Aerodynamics	45+45	7	4-Potpuno	G	S	hrvoje.kozmar@fsb.hr
111663	Design for Sustainability - Ecodesign	30+15	4	4-Potpuno	G	S	mario.storga@fsb.hr
112030	Innovation Management in Product Development	30+15	4	4-Potpuno	G	S	dorian.marjanovic@fsb.hr
112318	Heat Pumps and Renewable Energy Sources	45+30	6	4-Potpuno	G	W	vladimir.soldo@fsb.hr
159371	Advanced Materials Technologies	30+30	6	4-Potpuno	G	S	irena.zmak@fsb.hr
156291	Sustainable Energy Management in Smart Cities	30+15	4	4-Potpuno	G	W	goran.krajacic@fsb.hr
15073	Mathematics I	75+60	9	3-Djelomično 2	U	W	paola.glavan@fsb.hr
15081	Mathematics II	60+45	7	3-Djelomično 2	U	S	paola.glavan@fsb.hr
18600	Energy planning	30+15	4	4-Potpuno	G	S	goran.krajacic@fsb.hr
39941	Energy Management	30+15	4	4-Potpuno	G	S	neven.ducic@fsb.hr
18506	Energy Economics	30+15	4	4-Potpuno	G	W	neven.ducic@fsb.hr
18602	Energy Markets	30+15	4	4-Potpuno	G	S	neven.ducic@fsb.hr
159359	Composite Materials	30+15	4	4-Potpuno	U	W	irena.zmak@fsb.hr
159245	Aircraft Systems and Equipment I	60+30	7	3-Djelomično 2	G	S	josip.j.stepanic@fsb.hr
169436	Unmanned Aerial Vehicle Equipment	15+30	4	3-Djelomično 2	U	W	josip.j.stepanic@fsb.hr
159784	Moulding machines	30+30	5	4-Potpuno	U	S	branko.bauer@fsb.hr
159803	Foundry Automation (elective)	30+15	4	4-Potpuno	G	S	branko.bauer@fsb.hr
18934	Polymer Processing	30+15	4	4-Potpuno	U	W	mladen.sercer@fsb.hr
172060	Plastic Packaging Manufacturing	30+15	4	4-Potpuno	G	S	ana.pilipovic@fsb.hr
156443	Modern Additive Manufacturing	30+15	4	4-Potpuno	G	S	damir.godec@fsb.hr
171995	Composite Parts Production	30+15	4	4-Potpuno	G	S	ana.pilipovic@fsb.hr
172037	Design of Tools and Devices	30+30	6	4-Potpuno	U	S	damir.godec@fsb.hr
172035	Polymer Processing Machinery	30+30	5	4-Potpuno	G	W	damir.godec@fsb.hr
172005	Injection Mould Design	30+15	4	4-Potpuno	G	S	damir.godec@fsb.hr
171988	Dies and Moulds for Polymer Processing	30+30	5	4-Potpuno	G	S	damir.godec@fsb.hr
15974	Casting and Polymer Processing	60+30	7	4-Potpuno	U	W	mladen.sercer@fsb.hr

## Notes:

## Taught in English:

- 2 - Djelomično 1 (Partially in English - lessons & exercises held in Croatian, materials & exam in English)
- 3 - Djelomično 2 (Partially in English - lessons held in Croatian, exercises, materials & exam in English)
- 4 - Potpuno (Completely taught in English)

## Level:

- U - Undergraduate
- G - Graduate

## Semester:

- W - Winter
- S - Summer