COURSE: COMPUTER-AIDED CONTROL OF MARITIME TECHNICAL SYSTEMS

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Main topics:
- Synthesis of the knowledge from: technics, economy, and law fields on given technical maritime systems
- Developing a technical and software support for PLC device to develop the project
- Management support to the project by choice of strategy and assessment of market potentials
- Intellectual property, ownership and contracts of developed technical project

Programme structure:
- 5-day course
- Sample data will be provided for practice and for final presentation
- Every student gets lecture notes bound into a booklet, as well as a CD containing a digital version of the booklet, the current version of Y-code

Important dates:
Course dates: 31/08/2020 – 05/09/2020
Deadline for application: 01/07/2020
Payment due by: 20/07/2020
Confirmation of the course: 30/07/2020

Price of the course: 300 € (tax included)

Programme plan:
Day 1
- Review of Computer-Aided Control Theory (2h)
- Project Distribution and Introduction to PLC Programming (4h)

Programme lecturers:
Igor Vujović, PhD, Associate Professor at the University of Split, Faculty of Maritime Studies
Joško Šoda, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies
Day 2
- Networking in Computer-Aided Control Systems (2h)
- An Integration of Digital I/O points in the project (4h)

Day 3
- Actuators and motors in the process (2h)
- Computer controlled engine systems in SIMOREG module. (4h)

Day 4
- Strategical Management and research of the Market (2h)
- An integration of Analog I/O points in the project and managing the project through market research (4h)

Day 5
- Contracts, ownership and intellectual property (2h)
- Testing the project. Project presentations. (4h)

Joško Šoda, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies
Anita Gudelj, PhD, Associate Professor at the University of Split, Faculty of Maritime Studies
Maja Krčum, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies
Eli Marušić, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies
Petar Matić, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies
Ivana Lovrić, MS, scientific researcher the University of Split, Faculty of Maritime Studies
Ivana Golub-Medvešek, B.S., research assistant at the University of Split, Faculty of Maritime Studies
Ivan Pavić, B.S., research assistant at the University of Split, Faculty of Maritime Studies