



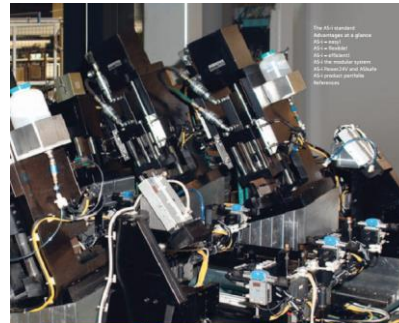
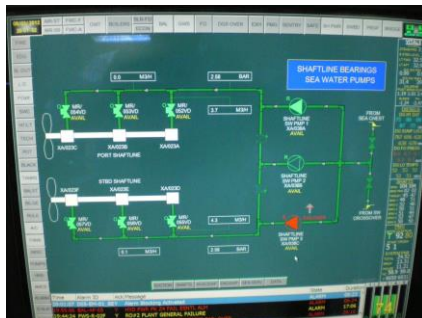
SPLIT SUMMER SCHOOL STSS2022

COURSE: COMPUTER-AIDED CONTROL OF MARITIME TECHNICAL SYSTEMS

Contact person: Igor Vujović
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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: 31/08/2022 – 05/09/2022
Deadline for application: 01/07/2022
Payment due by: 20/07/2022
Confirmation of the course: 30/07/2022

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, Associate 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, Associate Professor at the University of Split, Faculty of Maritime Studies

Anita Gudelj, PhD, Professor at the University of Split, Faculty of Maritime Studies

Maja Krčum, PhD, Associate 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, PhD, scientific researcher the University of Split, Faculty of Maritime Studies

Ivana Golub-Medvešek, PhD, Assistant Professor at the University of Split, Faculty of Maritime Studies

Ivan Pavić, B.S., research assistant at the University of Split, Faculty of Maritime Studies