

International Summer School on Unmanned Aircraft Systems in Traffic Applications

ASTRA 2023

-PRELIMINARY PROGRAMME

Virtual part: 21 June 2023

About the University of Rijeka, Faculty of Maritime Studies
How ASTRA 2023 Teaching and Training Plan Corresponds with our Institution's Curriculum
Venue Presentation
Presentation of the Teaching Plan for the Mobility Period
Q&A

Physical part: 25-30 June 2023

DAY 1

Welcome and Opening Ceremony
Faculty and Educational&Training Center tour
Possibilities and Challenges of UAS Applications in Traffic

DAY 2

A Beginner's Guide to UAS and Flight Operations
EASA Regulations for UAS Flight Operations
UAS Components and UAS Control Basics
Practical Work: Virtual UAV Flight Control

DAY 3

Sensor Integration with UAS for Traffic Applications
Practical Work: Virtual UAV Flight Control
Rijeka City Tour

DAY 4

Introduction to Computer Vision
Innovative Approaches for UAS Mission Planning and Automatization
UAS in Search and Rescue Operations
Practical Work: Virtual UAV Flight Control

DAY 5

Practical Field Work: Exercise on UAV Control
Social Event and Final Presentation
Closing Ceremony

