Module	Contents	Learning Objectives	Extent	ECTS Points
DAY 1	Introduction to UAS operation	Familiarization with UAS operation and related issues.	2 h	N/A
	Safety in Aviation (Manned vs. Unmanned)	Scope of this block is highlight the differences that exist between the approaches towards safety applied to the manned and to the unmanned aviation.	2 h	N/A
	Qualitative and quantitative approach to safety	Compliance with safety regulation can be obtained by performing qualitative and quantitative analyses. The main differences as well benefit and drawbacks of the two approaches are highlighted.	2 h	N/A
	Bow-tie models	Comprehension of the Bow Tie method since this is at the basis of the SORA method.	2 h	N/A
DAY 2	Introduction to SORA	Understanding of the SORA assessment. Holistic approach. Various part of the SORA process.	2 h	N/A
	ConOps and Robustness	Concept of operation and related robustness will be discussed in principle and via practical examples. The objective is to make the participants familiar with these concepts.	2 h	N/A
	Ground Risk Class and Mitigations	Familiarization with the methodology required to assess the Ground Risk Class and which should be the appropriate Mitigations.	2 h	N/A
	DAL and SAIL	The concept of Development Assurance Level (DAL) is introduced and the link with the Specific Assurance and Integrity Level (SAIL) in discussed.	2 h	N/A
DAY 3	OSO vs. SAIL	Understanding of the relationship between the Operational Safety Objectives (OSO) and the SAIL levels.	2 h	N/A
	Introduction to the Air Risk model	Familiarize with the model of air risk adopted in the SORA.	2 h	N/A
	Nominal Collision Risk and DAA	Familiarize with the concepts of nominal collision risk and DAA.	2 h	N/A
	Off-Nominal Risk, failures and Air SAIL	Familiarize with the concepts of off-nominal risk, failures and Air SAIL.	2 h	N/A
DAY 4	CASE STUDY 1 & 2	The concepts explained in the previous days will be applied to a practical example that will be directly derived from a real case.	8 h	N/A