



EUR1005: Understanding SMS – The Role Imagination Plays in Risk Management

Course Description:

This 3-week, part-time virtual online course will prepare managers, entrepreneurs, and organizational members from the sharp end in aviation and other high risk / high consequence areas to understand what the intent of SMS is, why failures happen, and how to avoid them. The course concentrates on the theoretical underpinnings and the scientific discourse behind Safety Management Systems (including dedicated human factors elements), and the policies governing them.

Upon course completion, participants will be able to:

- Apply failure causation models in rational catastrophic imagination
- Integrate basic systems thinking in accident prevention
- Understand the influence of human factors, organizations, and culture in failure
- Develop risk mitigation approaches based and basic quantitative risk assessment
- Be cognizant of rules and policies in Safety Management Systems

This course is recognized by the [European Association for Aviation Psychology](#) as a full course towards accreditation as [aviation psychologist](#) or [human factors specialist](#).

Workload:

This online course offers 2 hours of live lessons per week (6 hours total) with our instructors to provide context and background for the course materials. Students need to spend approximately 10 hours total on research and writing, and approximately 8 hours per week (24 hours in total) on self-study working through the course materials.

Course Dates:

Feb 14 – Mar 6 (virtual 2-hr meetings on Sat 02:00 pm CET; 08:00 am ET)
Apr 18 – May 1 (virtual 2-hr meetings on Sat 02:00 pm CET; 08:00 am ET)
May 9 – May 29 (virtual 2-hr meetings on Sat 02:00 pm CET; 08:00 am ET)

Cost:

With the 15% EAAP discount: \$1390 plus 19% VAT (€1182 plus 19% VAT)

Without the EAAP discount: \$1635 plus 19% VAT (€1390 plus 19% VAT)

Registration:

Access the registration link here [<https://www.enrole.com/erau/jsp/course.jsp?courseId=EUR-1005&categoryId=71DDDB00>]. The first step is to set up an account. Once done, please send an email to europe@erau.edu and we will add the course to your cart and provide you with an invoice. Payments are made via bank transfer.

For questions, please contact the [Embry-Riddle Europe Campus](#) by email at europe@erau.edu.