



ASSETS+
Alliance for Strategic Skills addressing Emerging Technologies in Defence

EDUCATION & TRAINING

Prototyped programme:

Unit of measurement and Errors



Co-funded by the
Erasmus+ Programme
of the European Union



Learn from the basics to some advanced techniques in this 16-hours free course:

- Analyse protocols of communication between an embedded computer and electronic devices (sensors, motors control, rfid modules, numerical tricolour led).
- Perform tests using an oscilloscope.
- Diagnosis and troubleshooting of the previous devices.



This programme is focused on:

- Professionals working in AeroSpace and Defence Industry (up-skilling and re-skilling activities) and
- University Licence students

IMPORTANT: This prototyped programme is **EXCLUSIVE FOR** partners of the [ASSETS+ consortium](#) and [associated stakeholders](#).

If you want to join the ASSETS+ Stakeholders Group and become part of our ecosystem, please, [click here](#).



General information:

- **Format: Online**
- **EQF level: 4**
- **Language: English**
- **Hours: 16h**
- **Instructor: Benoit MATHIEU**
- **Host institution:**
AEROCAMPUS-Aquitaine (France)



Programme Schedule

2 June 2022 (8-12 AM)	7 June 2022 (8-12 AM)	8 June 2022 (2-6 PM)	9 June 2022 (8-12 AM)
Means for control and test (sensors, RFID modules, motors)	Choice and control validation (sensors, RFID modules, motors)	Conducting tests (sensors, RFID modules, motors)	Diagnosis and troubleshooting (sensors, RFID modules, motors)



Learning outcomes:

- General principles in test and control understanding
- Troubleshooting methods review
- Acquiring and understanding signals in relation to electronic devices
- Computer science in relation to robotic
- Cybersecurity



More information and registration:

<https://assets-plus.eu/education-training/unit-of-measurement-and-errors>



www.assets-plus.eu



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