



ASSETS+
Alliance for Strategic Skills addressing Emerging Technologies in Defence

EDUCATION & TRAINING

Prototyped programme:

Identifying operating problems techniques



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

 **LEONARDO**
TECHNICAL TRAINING

Learn from the basics to some advanced techniques in this 20-hours free course:

- Troubleshoot operating system
- Input and output mechanism
- Control Unit mechanism
- Arithmetic (or processing) unit
- Storage (or memory) mechanism
- Technical and digital tools to solve problems with machinery and equipment



This programme is focused on:

- Professionals working in Defence and AeroSpace 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: 5**
- **Language: English**
- **Hours: 20**
- **Host institution:**
Leonardo Technical Training (Italy)



Programme calendar

Session 1 (4h)	Session 2 (4h)	Session 3 (4h)	Session 4 (4h)	Session 5 (4h)
Techniques for analysing operative problems with control unit machine (2 h)	Problem-based learning as operative strategy (4h)	Troubleshooting models to address operative problems with control unit machine (4h)	Overview of hardware and/or software machines (based on the expected target) (2h)	Repair manuals and technical documentation (2h)
Control unit machine Tools (2h)			Analysis Tools and equipments (based on the expected target) (2h)	Improvement actions (1h)
				Exam (1h)



Learning outcomes:

Knowledge:

- Tools and techniques for analysing operative problems
- Problem-based learning as operative strategy
- Control unit machines and tools, including their designs, uses, repair, and maintenance.
- Precision measuring equipment (tools, instruments)
- Perform machine maintenance

Skill:

- Apply useful models to address operative problems
- Analyse equipment requirements and technical problems with machinery or various equipment
- Identify improvement actions
- Use repair manuals and technical documentation



More information:

<https://assets-plus.eu/education-training/identifying-operating-problems-techniques>



www.assets-plus.eu



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