

Module CNC Programming

Additional Module for Internships in Mechatronics & Electronics, Automotive Professions & Craft

Learning Outcomes

- Read technical drawings and tables, make simple sketches
 - Basics of CNC programming for milling with a modified 3D printer
 - Create and optimise CNC programmes with standard path commands
 - Determination of axes, reference and zero point
 - Manufacture workpieces from different materials
 - Milling of circuit board layouts with the CNC machine
 - Detect and eliminate errors in the production process
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Focal Points and Tasks

- Basics of CNC technology and its application in practice
 - Differences and similarities of programming according to DIN and ISO standards
 - Absolute and incremental programming
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Learning outcomes common to all VITALIS Internships

- All internships according to the Dual vocational training in Germany and the principles of ECVET
- Our internships take place in small groups under the guidance of qualified and experienced staff
The internships are scaleable - depending to the knowledge of participants from different classes
- According to the length of stay the internships can be customised and combined
- Our internships can be funded by Erasmus programme - open for all member states of the European Union

Info and contact: projects@gutwehlitz.com | +49 34 204 77 40 00