

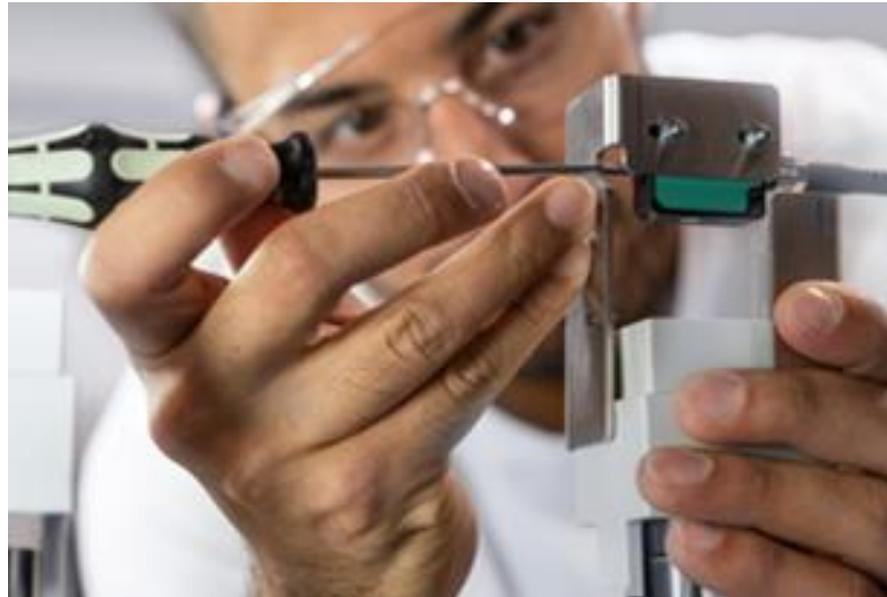
Festo and Skill #04 Mechatronics

Global Industry Partner GIP

Festo as Partner for Skill #04 Mechatronics

Festo is a Global Industry Partner of WorldSkills since 1991 and lead sponsor of the competition equipment for skill #04 Mechatronics.

As a global player in factory and process automation, Festo knows best about today's requirements in industry. Festo Didactic, the technical education and training division of Festo, is committed to create state-of-the-art learning and research solutions, and to develop the relevant skills and competencies of future mechatronic technicians.



Festo and Skill #04 Mechatronics

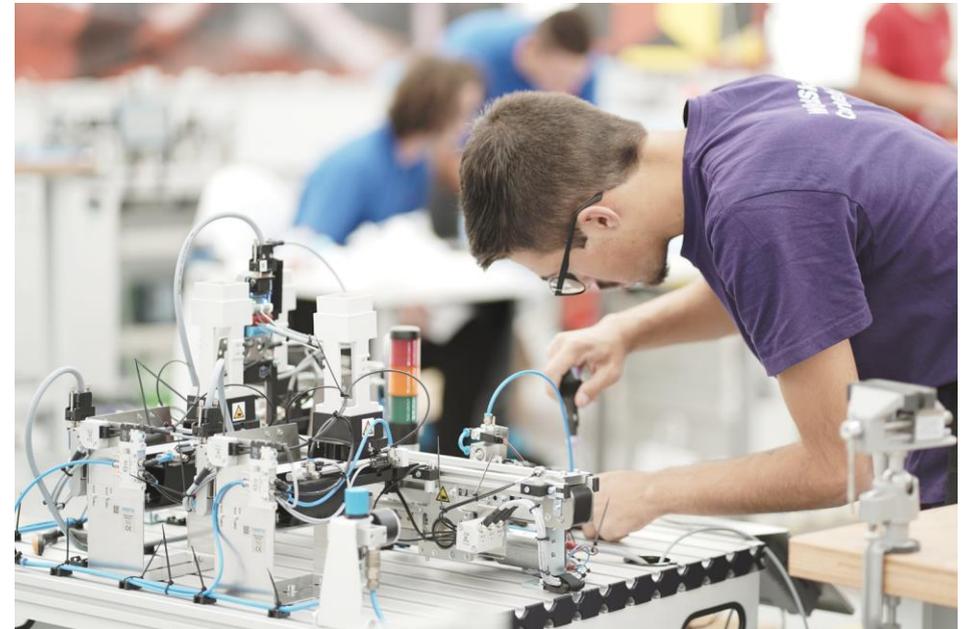
What is Mechatronics about?

Mechatronics

Mechatronics includes mechanics, pneumatics, electronically controlled systems, programming, and robotics and systems development.

The task of a mechatronics technician is to combine these areas to design, build, maintain, and repair automated equipment, and to program equipment control systems. Relevant skills are

- Developing mechatronics systems
- Software programming
- Analysis, commissioning, and maintenance
- Using industrial controllers
- Work organization and management
- Communication and interpersonal skill



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Official Competition Equipment

The Modular Production System MPS is official Competition Equipment

Various stations of the Modular Production System MPS made by Festo Didactic were selected as official competition equipment in 1991 and ever since.

Young people, fighting for a medal at WorldSkills Shanghai 2022, will compete once again on modular base stations of the MPS.

The tasks include

- Setup
- Wiring
- IO-Link
- Sensors
- Connectivity
- Commissioning



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Information | Contact

Information

- Discover our [Modular Production System](#)
- Detailed insights on the [Festo Didactic InfoPortal](#)
- Discover our online portal [Festo Learning Experience](#)
- Visit our [Festo Didactic website](#)
- See our [WorldSkills Kazan 2019 video on YouTube](#)
- More information [about this skill on the WorldSkills website](#)



Contact

- Don't hesitate to contact the Skill Competition Manager
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