



LEARNING TOOLS FOR MECHATRONICS AND BIOMECHATRONICS



Education and Culture DG

Lifelong Learning Programme

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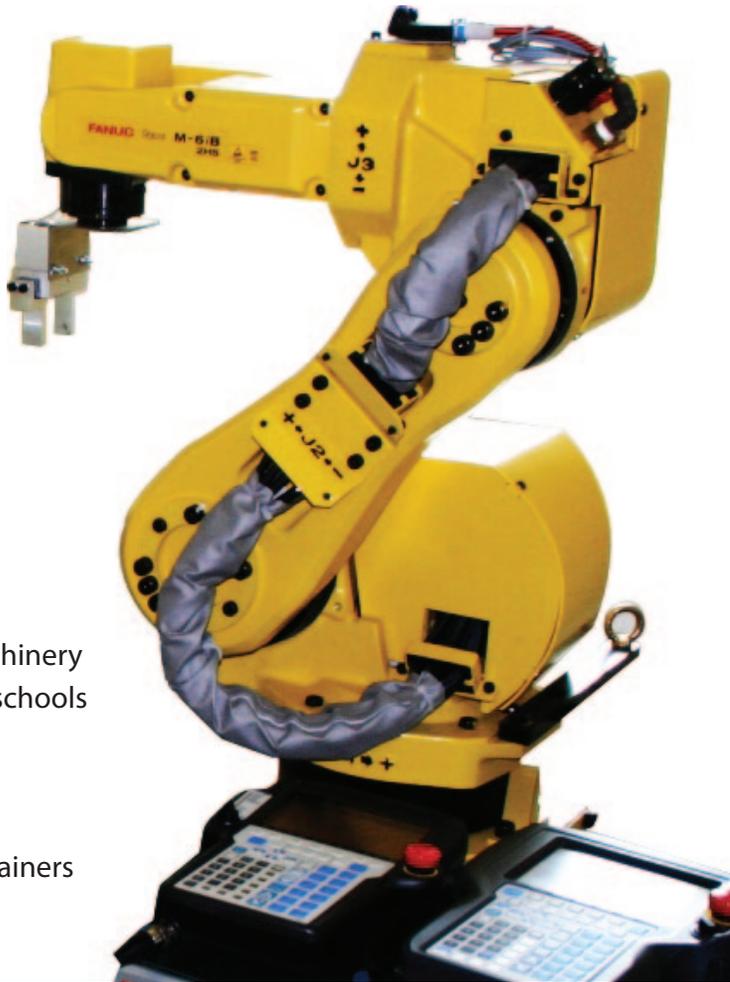


A full interactive educational program for training modules of mechatronics and biomechatronics.

The program is designed as "blended learning", i.e. a combination of standard and advanced forms of training (e-learning with interactive web meetings and virtual classroom), which helps to increase the efficiency of the educational process.

The development of the program involved an international team of experts from 3 EU countries.

The program is available in 4 languages:
Czech, English, German and Slovenian.



Target group

- | Employees of SMEs in machinery
- | Students of the technical schools
- | Trainees at school
- | Redundant people
- | SME managers
- | Educational institutions Trainers

Products

Handbook for Users

study support book for Mechatronics and Biomechanics. It describes basic level of knowledge about **mechanics, electronics, pneumatics, hydraulics**

E-Learning

on-line tool for **web conferencing** and **e-learning solution** that enables **interactive web meetings and virtual classrooms.**

Manual for Trainers

resource manual that consists of **guide of the course** structure, **case studies, exercises, methodology** and **testing tools.**

Mechatronics Laboratory in Opava

tool and equipment for practical training in an **electronic** and **hydraulic/pneumatic workplace.**

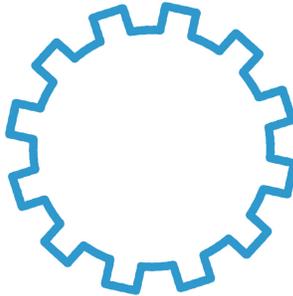
Benefits of e-Learning

E-learning gives you global opportunities. You may join discussions or exchange information among other e-learners that are involved, no matter in which place they are.

It's self-packed! So you can take the modules when needed and it allows you to work at your own pace. No physical attendance is needed.

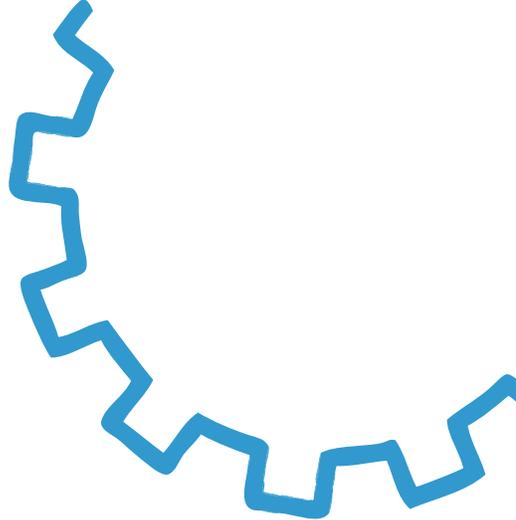
You can work from any location and at any time – Courses are available 24/7 and you take them when it fits to your schedule. You just need to have access to a computer and internet.

Technology tools make greater collaboration among students much easier. The online environment is far easier to work in, since e-learners don't have to be face-to-face.



In all lesson you can read learning materials online or download them for reading later. After each lesson you can test your knowledge.

WWW.BIOMECHATRONICS.EU



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