

Engineering & Management as Success Factor

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(Preferred) Teaching time	Morning / Afternoon No preferences

Course Description:

Even in the mobility restrictions and remote work situation the Innovation will be an even more important factor for the company's success and sustainability and in connecting people.

The digital industrial revolution (I4.0), the complex digital manufacturing and robotics must be a handful help for everybody enabling to access remotely laboratories and company, creates a "direct contact" and developed own and customized applications.

The innovative and entrepreneurial behaviour is coming from the actual technological culture that can be change as the result of a dramatic need of from inspirational presentations.

The dynamic advancement in robotic applications will create new values in the years to come and you have to identify the benefits from connecting Engineering with Management

Materials/Text:

The lecturing and Lab support will be provided in electronic form. Additional, the Book or book chapters may be bought voluntarily, from the SPRINGER web page by individuals, at student discount.

<https://www.springer.com/gp/book/9783030564476>

Requirements:

Formal: None. General: Basic knowledge of mathematics, physics, mechanics; management and economic will not hurt.

Schedule:

The schedule is according to the ISS Academic Program offering a 45 teaching hours in modules of 3 hours that combines the Lecturing with Practical exercises and case studies that will lead to Team Projects and Student presentations. The necessary effort to finalize is scheduled for the 3 credits considered/ course.

Assignments:

The activity is planned without individual study. The assignment is to work in a team and together with the team colleagues to finalize a project that will be present in the form of friendly competition with the other teams.

Evaluation:

The Evaluation is based on 3 components:

- The presence and the continuous implications of the student in the Project elaboration (25%);
- Appreciation of the project results (50%);
- Project presentation (25%).

The final result will be expressed in % (0 ÷ 100), and then in the provided grading scale.