Introduction to Module Soft Skills for Engineers

-Effective communication with groups: 2 ECTS, 40 hours
-Survival in Labor Market: 2 ECTS, 40 hours

Professional development programs support Ph.D students in:
- research integrity
- teaching skills
- research paper writing and presentation skills
- innovation and technology entrepreneurship
- communication and leadership
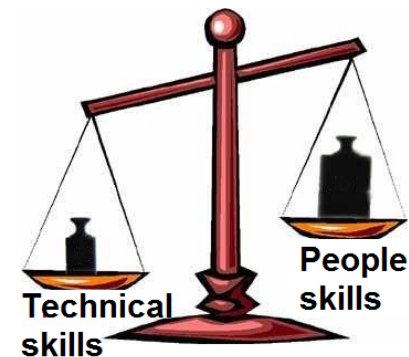- presentation techniques

Engineering students:
- engineering ethics
- technology entrepreneurial skills
- communication and teamwork
- management

How to prepare scholars and high quality professionals for diversified career paths?

Master's students

Doctoral students

40% in academic programs

58% in Ph.D. programs

"Curriculum goals should be assessed because that which is assessed gets taken seriously. That which isn't, doesn't."

» Yorke and Knight (2006)

Research-oriented

Career-oriented

A new Culture of Learning & Teaching

- From transmission of knowledge to learning how to learn
- From over-emphasizing academic studies to focusing on whole-person
- From compartmentalized subjects to integrated learning
- From reliance on textbooks to use of diversified teaching materials: e-tools
- From premature streaming to providing more opportunities for students to explore their aptitudes and potentials

What are soft skills?

How the customer explained it · How the project leader understood it · How the engineer designed it · How the programmer wrote it · How the sales executive described it · How the project was documented · What operations installed · How the customer was billed · How the helpdesk supported it · What the customer really needed