

Project Management and Soft Skills – Syllabus

Lecture Item	hrs
Introduction	2
<ul style="list-style-type: none">• Introduction to the course• Test #1	
Project Management	6
<ul style="list-style-type: none">• Soft skills: how to find and manage resources, either of human or financial nature• Soft skills: how to use the tools necessary for engineering practice• Project management tools• Soft skills: how to estimate the cost of products, processes and projects• Use Cases	
On the Job	6
<ul style="list-style-type: none">• Soft skills: how to find and maintain a job position (employability)• Soft skills: how to communicate effectively• Soft skills: how to do team work and be a leader• Soft skills: professional ethical responsibility	
A 360 Degree Engineer	3
<ul style="list-style-type: none">• Soft skills: inclination to DIDA• Soft skills: multi-disciplinarity• Soft skills: how to understand the impact of solutions in a global and societal context• Administrative and legal issues of the engineering context	
Sensing the World	3
<ul style="list-style-type: none">• Soft skills: how to acquire knowledge of contemporary issues• Soft skills: orienting decisions in the short, medium and long term• Soft skills: how to engage in life-long learning• Discussion	
The Context	3
<ul style="list-style-type: none">• The Italian and European telecommunications industry context• A peculiar job: the scientist• The European Research Area	
How Many Engineers we have ...	3
<ul style="list-style-type: none">• Engineering roles• Pursuing a PhD• Panel	
Consolidating Concepts	7
<ul style="list-style-type: none">• Invited speakers• Test #2	

Overall: 30