



ME1: PRODUCTION SYSTEMS

Track 1

Contacts:

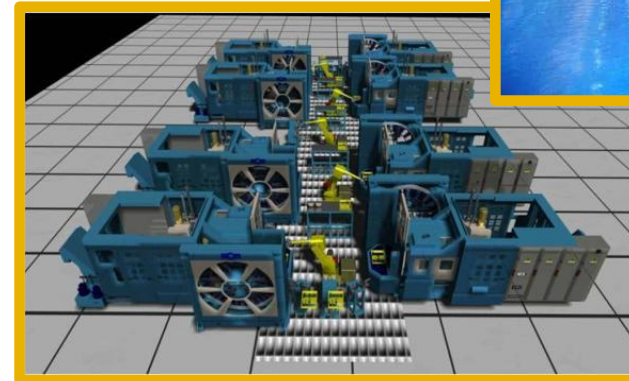
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ME1: Skills you will acquire...

After graduating, you will have developed numerous **advanced technical skills**. For example, you will be able to:

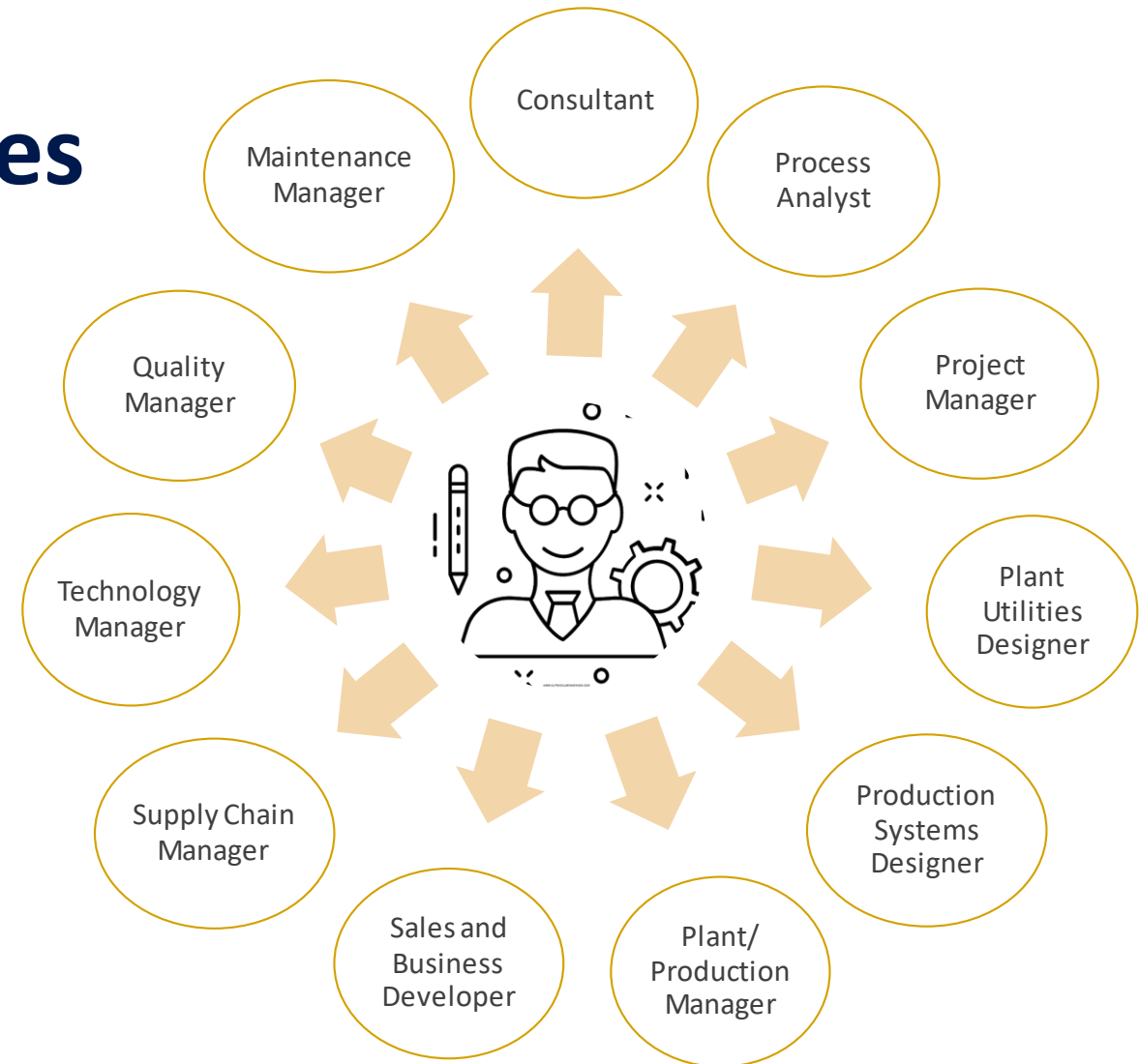
- **Design and manage production systems and industrial plants;**
- **Create layout designs;**
- **Carry out feasibility studies of production systems and plants;**
- **Plan complex industrial projects;**
- **Manage maintenance of industrial technologies and the automation of the industrial systems;**
- **Manage, model and monitor data in industrial and business scenarios.**



ME1: Career Opportunities

After graduating, you will be able to **pursue your career** (not only, but also) in:

- **Manufacturing;**
- **Process Analysis;**
- **Layout Design;**
- **Quality Management;**
- **Project Management;**
- **R&D;**
- **Consulting.**



ME1: Track Mandatory and Elective Courses

38 ECTS

Track Mandatory Courses
28 ECTS

Track Elective Courses
10 ECTS

COURSE TITLE	SEM	ECTS
Track mandatory courses		18
Manufacturing Systems Engineering	1	10
Design and Analysis of Experiments B	1	10
Integrated Manufacturing Systems	1	8
Quality Engineering ME	2	8
Track mandatory courses		10
Industrial Plants (A)	2	10
Logistics Management	2	10
Track elective courses		10
...	1-2	10
Max. 2 courses to be chosen from Group OPEN_ME1	1-2	5

For further information click here:

https://www8.ceda.polimi.it/manifesti/manifesti/controller/extra/RegolamentoPublic.do?jaf_currentWFID=main&EVN_DEFAULT=evento&aa=2020&k_corso_la=483&lang=EN

ME1: Examples of Master's Thesis



Re-design of logistics flows



Knowledge-based design of automotive assembly lines and virtual factory



Time compression in the NPI (New Product Introduction) phase



Design of manufacturing lines for electric vehicle motors

ME1: Partners

Universities & Research Centres	Companies & Research Centres
 