

O.Plan No.	ME-15
Name of Course	Reverse Engineering
Objectives	The course addresses the fundamentals of methods and techniques to support engineering design processes, by focusing on the opportunities provided by Reverse Engineering. Students will achieve first a global understanding of product development processes. Then, the course will clarify the design phases and the circumstances in which Reverse Engineering are the most advantageous. Within the contents, a discussion about alternative technologies will be introduced. Students will have the opportunity to make experiments by directly using the available tools in a lab setting.
Course Contents	<ul style="list-style-type: none"> • Introduction to New Product Development • Tasks of detailed design, new frontiers of Computer-Aided Design tools • Reverse Engineering • Introduction to the Basic Principles of Additive Manufacturing. • Rapid Prototyping technologies • Design for Additive Manufacturing • Employment of Reverse Engineering technologies in different industrial fields
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