

Course title	Rapid prototyping
Component code	03-11
Lecturer	Determined later
Lecturer's email address	
Hours	15
ECTS	5
Semester	Summer
Content	<p>Introduction to prototyping</p> <p>Traditional prototyping vs. Rapid prototyping (RP)</p> <p>Usage of RP parts</p> <p>Generic RP process</p> <p>Need for time compression in product development</p>
Learning outcomes	Provide an understanding of the fundamental concepts of rapid prototyping; demonstrate appropriate tooling for RP process
Selected literature	<p>Chang, Kuang-Hua (2013). Product Performance Evaluation using CAD/CAE: The Computer-Aided Engineering Design Series. Academic Press. p. 22. ISBN 978-0-12-398460-9.</p> <p>Cooper, Kenneth G. (2001). Rapid prototyping technology : selection and application. New York: Marcel Dekker. pp. 2–3, 9–10. ISBN 0-8247-0261-1. OCLC 45873626.</p> <p>Kocovic, Petar (2017). 3D Printing and Its Impact on the Production of Fully Functional Components: Emerging Research and Opportunities: Emerging Research and Opportunities. IGI Global. p. xxii. ISBN 978-1-5225-2290-4.</p>
Teaching tools/methods	Determined later
Form of examination	Determined later