

MSE-661

CCMX Advanced Course - Additive Manufacturing of Polymeric Materials - 3D Camp

Bourban Pierre-Etienne, Various lecturers

Cursus	Sem.	Type
Materials Science and Engineering		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Oral presentation
Workload	30h
Hours	18
Courses	12
Exercises	5
TP	1
Number of positions	24

Frequency

Every 2 years

Summary

The course presents practical and theoretical aspects of additive manufacturing in polymeric materials, giving an overall review of methods, materials and developments and introducing concepts such as materials engineering and selection and numerical methods. A full-day hands-on session is included

Content

Please find information on the link below.

Note

This course is open to participants with a basic background in materials science, chemistry and physics. Participants must register on the CCMX website for this course.

Keywords

Biofabrication, Extrusion, Photopolymerization, Composites, Additive Manufacturing.

Resources

Websites

- <https://ccmx.epfl.ch/past-courses-and-events/2017-advanced-course-additive-manufacturing-of-polymeric-materials-3d-camp/>