



Hellenic Mediterranean University

Department of Mechanical Engineering (Heraklion Crete)

Title of BIP:

“Additive Manufacturing: Design and Processing”

Dates of the physical period: from September 16th to September 20th, 2024

Arrival: 15th September and departure: 21st September 2024

Dates of the virtual period after the mobility: 30th September - 30th October 2024

The objective of this BIP program is students to become familiar with topics related to Additive Manufacturing (AM) particularly focusing on specific themes such as Design for Additive Manufacturing (DfAM), design of cellular structures, additive manufacturing processes, etc.

During the preparation phase, students will have to follow asynchronously the uploaded online teaching material related to program topic for better understanding and follow the lectures and workshop phase easily. The online material will be provided for each student after successful application individually.

In the on-site phase students will start the lectures and lab work after upon arrival immediately. Students will be working on small international groups for lab work. Also, students will stay at Hellenic Mediterranean University campus in double rooms for free of charge. Staff members can also stay in campus rooms in single rooms for free of charge.

During the virtual phase, students will be required to work on a specific project related to creating lightweight structures that will be fully compatible with additive manufacturing constraints.

The workload of the BIP will correspond to 3 ECTS credits. The course will be accredited by the universities participate.

We would be delighted to welcome your university as a participant in this BIP program. If you are interested in joining, please let us know.