

[LaBoMaP Arts et Métiers Engineer formation](#)

Arts et Métiers Engineer formation

The LaBoMaP is involved in 2 formations on Mechanical/Industrial Engineering open to 3rd year Arts et Métiers ParisTech students:

- [Factories of the future: From prototyping to high speed machining \(PROTeUS\)](#)
- [Wood: material, process and construction](#)

Factories of the future: From prototyping to high speed machining (PROTeUS)

(French subtitles and HD quality are available in the options)

5 Teaching Units (150 h):

- High Speed Machining (HSM)
- Machining complex shapes (5 axis)
- Additive manufacturing
- Transports, energy and biomedical
- Industrial management

Synergistic activities with industrial and international partners:

- Participation of industrial partners in the teaching activities
- Industrial visits
- Traineeship in high-tech companies in the transport, energy and biomedical sectors
- Traineeship in foreign countries (EU countries and US)

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Additional information: [webpage](#) (in french), [flyer](#)

Wood: material, process and construction

(French subtitles and HD quality are available in the options)

The main objectives of this course is to:

- Train mechanical engineers oriented in **wood processing** industries and wood construction.
- Give engineers tools to **design** wooden structures, to **control** engineering manufacturing processes, to **organize** and **manage** production

4 Teaching Units (150 teaching hours with 50 % performed by industrials):

- Wood Material and Wood machining (24 h)
- First transformation process (24 h)

- Wood structural design (52 h)
- Context (National and international) of wood industries (50 h)

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Additional information: webpage ([in french](#))

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