

## TECHNICAL DEGREE WOOD AND FURNITURE APPLICATIONS

### GENERAL PRESENTATION AND OBJECTIVES

Our technical degree 'Wood and Furniture Applications' aims to prepare students for work as overseers and executives in small and medium sized companies in the wood industry, more especially in furniture and joinery branches. The goal is to provide thorough training in the basics as well as in management and human sciences to promote career advancement.

### RECRUITMENT CRITERIA

2-year university diploma in scientific field, wood sector or mechanical or production engineering.

### COURSE ORGANIZATION

**FULL-TIME STUDY**  
Full-time students follow the complete cursus. Possibility of exemption from certain modules only on presentation of validated experience.

The course includes 450 teaching hours, a supervised project and an internship.

**APPRENTICESHIP**  
Students are recruited for a period of one year, from 1st September of the current year to 31st August of the following year.

The course includes 450 teaching hours, a supervised project and periods in-company.

Students alternate from 4 to 6 weeks between the school and the company.

### INTERNSHIPS AND PROJECTS

**FULL-TIME STUDY**  
A 130-hour supervised project is an integral part of the course.

The 16 weeks of internship are split into 2 stages : 5 weeks at the beginning of the year to enable students to discover the company and define their areas of work, then a final stage lasting 11 weeks.

**APPRENTICESHIP**  
A supervised project is an integral part of the course.

The course is supplemented by 32 weeks in company.

### FURTHER STUDY OPPORTUNITIES

The technical degree 'Wood and Furniture Applications' is a vocational training course. Graduates' access to further courses (Master's degree) depends on the decision of faculty in charge of courses applied to.

Within the global framework of ENSTIB courses, the technical degree can enable graduates to enroll in our Master's teaching diploma, option technological and professional training, on behalf of the Lorraine Graduate Teacher Training School.

According to their results, students may apply for ENSTIB's engineering course, via a 1st-year entrance exam (in full-time or apprenticeship study).

### REGISTRATION PROCESS

Candidates are pre-selected on file, then invited to an interview at the end of May. Due to the limited number of places, each candidate is requested to include his personal project and his motivations for entering the wood sector in his application.

For further information on applying, please visit

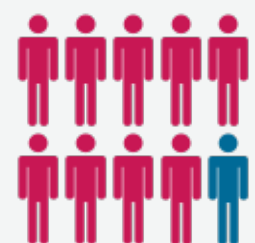
[www.enstib.univ-lorraine.fr](http://www.enstib.univ-lorraine.fr)



Jérôme HAUCK  
Wood and Furniture Applications, promotion 2011

“ I did a technical degree in Wood and Furniture Applications at ENSTIB, with block release to the company Bieber Bois in Walhambach, which specializes in exterior carpentry. On my graduation in 2011, I was hired on an open-ended contract in their design department where I immediately realized how useful my training at ENSTIB would be. I do computer-aided design and searching for machining solutions every day here. I still work for Bieber Bois, but I've also set up my own carpentry and interior fittings company.

## ENSTIB GRADUATES :



professionally active within  
6 months

90%



sign first contract on average in

12 DAYS



employed in study-related  
sector

98%

“ I graduated from ENSTIB in 2015 with a degree in Wood Construction, option Site Management. I didn't even have to look for a job – the company I did my internship in, Vosges Charpente in Vincey, offered me an open-ended contract during my second internship and I'm still there ! I use what I learned during my degree all the time in my job, even if I have to continue learning every day, specially in structure design. I have fond memories of my time in school – on a personal level, the parties and the friendships between students and from a more educative point of view, the conferences and hearing outside speakers from the profession.



Manon Olivo  
Wood Construction, promotion 2015

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## TECHNICAL DEGREES



## TECHNICAL DEGREE WOOD CONSTRUCTION

### GENERAL PRESENTATION AND OBJECTIVES

Our technical degree 'Wood and Construction' aims to prepare students for work as overseers and executives in small and medium sized companies in the wood industry, more especially in wood construction, carpentry and joinery, as well as wood design offices and project management firms. The goal is to provide comprehensive technical knowledge of wood and its use in construction as well as training in management, economic and human sciences to promote career advancement.

Graduates will acquire the skills and knowledge necessary to take on positions of responsibility in companies using added-value wood products and carry out tasks including business transfers or takeovers. Course available in full-time study or apprenticeship option.

### RECRUITMENT CRITERIA

2-year university diploma in scientific field, wood sector or mechanical or production engineering.

### COURSE ORGANIZATION

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# WOOD CONSTRUCTION DESIGN AND STRUCTURES OPTION

# WOOD CONSTRUCTION SITE MANAGEMENT OPTION

# WOOD AND FURNITURE APPLICATIONS

# INTERNSHIPS AND PROJECTS

## Students

7 ECTS  
106h

### GENERAL SUBJECTS

- Management and Communication
- Foreign Language
- Business administration

8 ECTS  
136h

### SCIENTIFIC SUBJECTS

- Wood sciences
- Bridging module Mathematics
- Materials solidity
- Applied IT

15 ECTS  
208h

### PROFESSIONAL SUBJECTS

- Wood building systems and technical regulations
- Building thermics
- Pre-project methodology
- Building system calculation and dimensioning
- Digital modelling for wood construction design

12 ECTS  
150h

### SUPERVISED PROJECT

18 ECTS  
16 weeks

### INTERNSHIP

## Apprentices

7 ECTS  
106h

### GENERAL SUBJECTS

- Management and Communication
- Foreign Language
- Business administration

8 ECTS  
136h

### SCIENTIFIC SUBJECTS

- Wood sciences
- Bridging module Mathematics
- Materials solidity
- Applied IT

15 ECTS  
208h

### PROFESSIONAL SUBJECTS

- Wood building systems and technical regulations
- Building thermics
- Pre-project methodology
- Building site organization
- Digital modelling for building site management

12 ECTS  
150h

### SUPERVISED PROJECT

18 ECTS  
32 weeks

### INTERNSHIP

## Students

9 ECTS  
100h

### GENERAL SUBJECTS

- Management and Communication
- Foreign Language
- Business administration

9 ECTS  
80h

### SCIENTIFIC SUBJECTS

- Wood sciences
- Statistics
- Materials solidity

18 ECTS  
270h

### PROFESSIONAL SUBJECTS

- Product design and manufacturing
- Project and quality management
- Management and workflow
- Industrial manufacturing
- Industrial IT

6 ECTS  
150h

### SUPERVISED PROJECT

18 ECTS  
16 weeks

### INTERNSHIP

## Apprentices

9 ECTS  
100h

### GENERAL SUBJECTS

- Management and Communication
- Foreign Language
- Business administration

9 ECTS  
80h

### SCIENTIFIC SUBJECTS

- Wood sciences
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### PROFESSIONAL SUBJECTS

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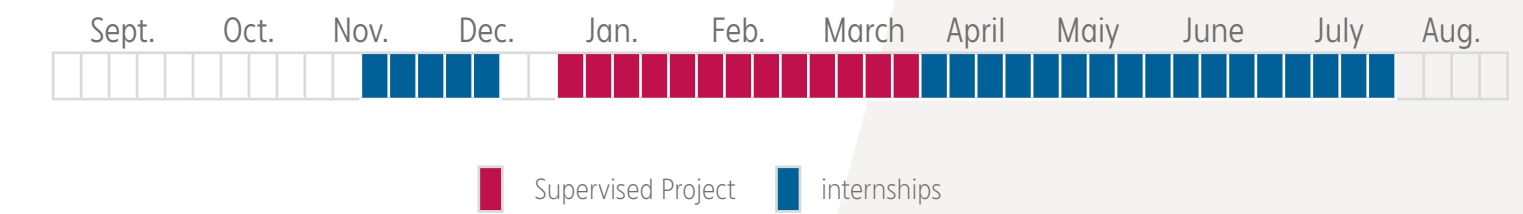
6 ECTS  
150h

### SUPERVISED PROJECT

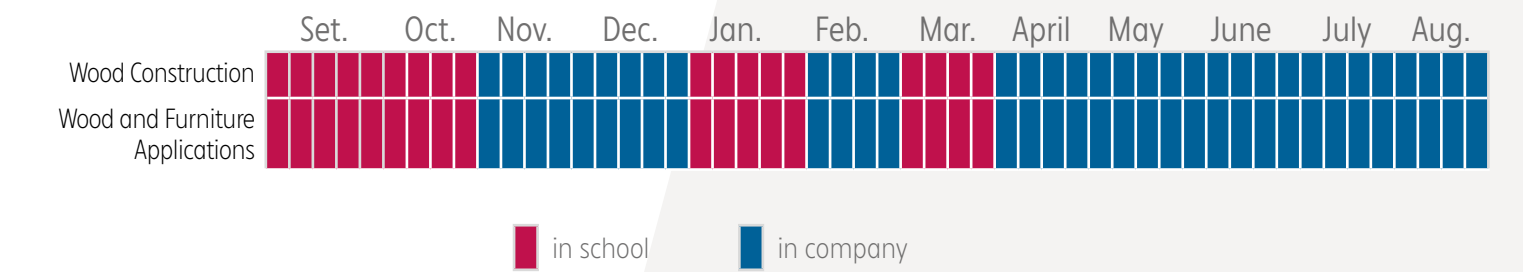
18 ECTS  
32 weeks

### INTERNSHIP

## FULL-TIME STUDY SCHEDULE



## APPRENTICESHIP SCHEDULE



## WHAT IS THE APPRENTICE'S STATUS IN THE COMPANY ?

An apprentice is an employee of his or her company and therefore under its responsibility, via the apprenticeship supervisor. (S)he must carry out the tasks given. Throughout the 3 years of training, under the guidance of the supervisor, the apprentice will address specific tasks, build experience and gradually extend his/her responsibility within the company.

The in-company supervisor decides when and how to allocate these responsibilities. The tasks to be given to the apprentice and the relevant skills are listed in detail at the start of each semester. At the end of each semester, the supervisor returns a qualitative assessment of the apprentice's capacities.