

Syllabus

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Titul dl curs	Laboratorio di Edilizia ad alte prestazioni: sismica e resistenza al fuoco
Codesc dl curs	42644
Titul suplementar	
SSD	NN
Lingaz	Tedesco
Curs de laurea	Corso di laurea professionalizzante in Tecnologie del Legno
D'autri cursc de laurea (cursc deberieda)	
Dozenc	dr. Thomas Schrentewein, Thomas.Schrentewein2@unibz.it
Assistent didatich	
Semester	Primo semestre
Ann/Agn de stude	3
Credic universitars	2
Ores de insegnament	0
Ores de laboratore	20
Ores de stude individual	30
Ores de riceviment prevedudes	6
Ressumè di contegnus	Exercises of basic seismic calculation of wooden buildings and single timber structures. Exercises on the topic of fire resistance of timber components, planning the fire prevention and protection of wooden buildings.
Argomenc dl curs	The laboratory has the objective of giving the students practical skills in earthquake resistant planning and design, as well as fire behavior and fire resistance of wooden buildings.
Paroles clef	Seismic calculation, fire resistance calculation, fire prevention planning
Prerequisic aconsiés	Attendance of the lecture "High Performance Buildings: Seismic

	Design and Fire Resistance".
Cursc propedeutics	
Modalité de enseignament	Exercises, discussions and small group projects.
Oblianza de frecuencia	Recommended.
Obietifs formatifs y competenzes da arjonje	The laboratory has the objective of giving the students practical skills in earthquake resistant planning and design, as well as fire behavior and fire resistance of wooden buildings. Intended Learning Outcomes (ILO): Applying knowledge and understanding 1. Applying knowledge of theoretical skills of lectures into practical exercises Making judgements 2. Critical reviewing of the results of examples of practical exercises Communication skills 3. Discussion in the group of the obtained results of examples of practical exercises.
Obietifs formatifs y competenzes da arjonje (informazions suplementares)	
Sort de ejam	- Formative assessment: Collaboration at exercises: 20 h (total length of exercises); ILOs assessed: 1 - 3. - Summative assessment/final exam: ILOs assessed: 1 - 3.
Criters de valutazion	Evaluation of collaboration at the exercises.
Bibliografia obligatora	Lecture notes.
Bibliografia aconsieda	Is provided during the course.
Deplù informazions	
OSS	Innovazione e infrastrutture, Lotta contro il cambiamento climatico, Città e comunità sostenibili