

Prof. Shinji Hashimura

Laboratory name

Material Strength Laboratory

Keyword

Multi-Material Joining, Mechanical Joining,
Bolted Joint, Tightening, High Speed Nailing, Fatigue

Tasks in the laboratory

Students achieve the joining tests using bolts or nails and these evaluation. Some students achieve FE analysis to reveal various problems and also discuss with each other to reveal unknown phenomenon about joining technique.

Program period

More than 2 months

Eligibility-school year

- Third year undergraduate
- Fourth year or higher undergraduate
- First year master degree
- Second year or higher master degree
- First year doctoral degree
- Second year doctoral degree
- Third year or higher doctoral degree

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design

Required skills

Students who had learned Mechanics of Materials and strength of Materials

Desired skills (Preferred skills)

Mechanical design skill and Mathematics

URL: https://www.shibaura-it.ac.jp/en/research/lab/engineering/meo/shinji_hashimura.html

Email: hasimura@shibaura-it.ac.jp