

Professor Name

Shinji Hashimura (Mr.)

Laboratory name

Material strength Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00207.html>

Keyword

Mechanical Engineering, Strength of Materials, Mechanical Joining, High-speed nailing, Bolted Joint

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

At least 1 month

Required skills

Knowledges regarding with Mechanics of Materials

Desired skills (Preferred skills)

FE analysis technique

Eligibility-school year

- Bachelor 3rd
- Bachelor 4th or higher
- Master 1st
- Master 2nd
- PhD 1st
- PhD 2nd
- PhD 3rd

Eligibility-student's major/fields

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