

北陸先端科学技術大学院大学研究室教育指針
Laboratory Education Guideline

研究室教育指針は、学則第30条の3に基づき、研究指導の方法及び内容並びに修了までの研究指導の計画をあらかじめ明示するものです。

Based on the Article 30-3 of the general academic rules, the Laboratory Education Guideline is intended to clearly outline the methods and content of research guidance, as well as the plan for research guidance until completion.

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1. 研究テーマ / Research Theme
Cybersecurity, IoT/CPS security, Trustworthiness assurance, Cybersecurity education and training
2. 修得が期待される能力 / Competencies expected to be acquired 研究室教育は必修 A 科目（先端）又は研究支援科目（融合）の一部として単位化されており、この欄はそれら科目のシラバス上の達成目標の一部となります。 Laboratory Education is accredited as a part of the Required courses A (Division of Advanced Science and Technology) or Research Support Courses (Division of Transdisciplinary Sciences), and this section constitutes a part of the course goals stated in the syllabus for such subjects.
Students who graduate from our lab will possess deep knowledge regarding cybersecurity and IoT/CPS security. They will be able to develop cybersecurity-related software and perform various kinds of network experiments and assessments. The students will also gain hands-on network security experience and will be capable to deal with cybersecurity issues in the real world. Their English paper reading and writing, as well as presentation skills will also improve significantly.
3. 研究指導方針 / Research Guiding Principle
We provide a dynamic research environment in which students can broaden their knowledge, learn new skills, and develop new abilities. We lay a strong emphasis on putting theoretical knowledge into practice through applied research, and on hands-on experience with various aspects of cybersecurity and network security. Since the development of communication skills is also extremely important, students are highly encouraged and supported to present and publish their research work.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 日次活動 / Daily Activities : <input checked="" type="checkbox"/> 週次活動 / Weekly Activities : Lab seminar (once per week) <input type="checkbox"/> 月次活動 / Monthly Activities : <input checked="" type="checkbox"/> 不定期活動 / Occasional Activities : Conference presentations, joint research, internships
5. 年間スケジュール / Annual Schedule 本学の全学共通の年間スケジュールは「履修案内」の「学位取得に至るスケジュール」を参照してください。（本学HP参照：ホーム>教育>履修関係>履修案内） Please refer to the “Degree conferment schedule for the master’s program/doctoral program” in the “Degree Completion Guide” for university-wide common schedule (JAIST website: Home >Education>Taking Courses>Degree Completion Guide)
<ul style="list-style-type: none">• Laboratory orientation for new students (Month 3)• Optional participation in domestic or international workshops, symposiums or conferences, such as CSS, SCIS, ICISSP, etc. (Month 18 or later)
For additional details, please refer to the “Degree conferment schedule for the master’s program/doctoral program” schedule in the “Degree Completion Guide” (JAIST website: Home >Education>Taking Courses>Degree Completion Guide).