

2025 年度シラバス

科目分類/Subject Categories			
学部等/Faculty	/大学院工芸科学研究科（博士前期課程）/大学院工芸科学研究科（博士前期課程）： /Graduate School of Science and Technology (Master's Programs)/Graduate School of Science and Technology (Master's Programs)	今年度開講/Availability	/有/有 : /Available/Available
学域等/Field	/独立専攻/独立専攻 : /Fibro/BBM/Fibro/BBM	年次/Year	/2年次/2年次 : /2nd Year/2nd Year
課程等/Program	/先端ファイブ科学専攻/先端ファイブ科学専攻 : /Master's Program of Advanced Fibro-Science/Master's Program of Advanced Fibro-Science	学期/Semester	/春学期/秋学期 : /Spring term/Fall term
分類/Category	/授業科目/授業科目 : /Courses/Courses	曜日時限/Day & Period	/集中 : /Intensive

科目情報/Course Information				
時間割番号 /Timetable Number	65109919			
科目番号 /Course Number	65160221			
単位数/Credits	2			
授業形態 /Course Type	講義 : Lecture			
クラス/Class				
授業科目名 /Course Title	先端ファイブロ科学研究室インターンシップ : Elective course			
担当教員名 / Instructor(s)	/先端ファイブロ科学専攻関係教員 : Related teacher of the Master's Program of Advanced Fibro-Science			
その他/Other	インターンシップ実施科目 Internship	国際科学技術コース提供科目 IGP	PBL 実施科目 Project Based Learning	DX 活用科目 ICT Usage in Learning
	○		○	○
	実務経験のある教員による科目 Practical Teacher			
	科目ナンバリング /Numbering Code			

授業の目的・概要 Objectives and Outline of the Course	
日	A broad field of vision, senses of cooperation and responsibility, and the ability for leadership required for a high specialist as well as a technical knowledge, a practical skill, and an ability to take an initiative to conduct will be attained through training in various laboratories. The ability qualified in this program will be a valuable aid for the career options.
英	A broad field of vision, senses of cooperation and responsibility, and the ability for leadership required for a high specialist as well as a technical knowledge, a practical skill, and an ability to take an initiative to conduct will be attained through training in various laboratories. The ability qualified in this program will be a valuable aid for the career options.

学習の到達目標 Learning Objectives	
日	Understanding of research themes in the department of Advanced Fibro-Science
英	Understanding of research themes in the department of Advanced Fibro-Science

学習目標の達成度の評価基準 / Fulfillment of Course Goals (JABEE 関連科目のみ)
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日	
英	

授業計画項目 Course Plan			
No.		項目 Topics	内容 Content
1	日	Question Raising 1	Exploring problems in a research field, and raising questions.
	英	Question Raising 1	Exploring problems in a research field, and raising questions.
2	日	Question Raising 2	Exploring problems in a research field, and raising questions.
	英	Question Raising 2	Exploring problems in a research field, and raising questions.
3	日	Finding True Nature of Problem 1	Analyzing real problems in systematic ways, and finding true nature and quality which lack in the developing process in research.
	英	Finding True Nature of Problem 1	Analyzing real problems in systematic ways, and finding true nature and quality which lack in the developing process in research.
4	日	Finding True Nature of Problem 2	Analyzing real problems in systematic ways, and finding true nature and quality which lack in the developing process in research.
	英	Finding True Nature of Problem 2	Analyzing real problems in systematic ways, and finding true nature and quality which lack in the developing process in business.
5	日	Finding True Nature of Problem 3	Analyzing real problems in systematic ways, and finding true nature and quality which lack in the developing process in research.
	英	Finding True Nature of Problem 3	Finding True Nature of Problem 3
6	日	Logical Solving Method 1	Developing logical solving methods for the nature of problems.
	英	Logical Solving Method 1	Developing logical solving methods for the nature of problems.
7	日	Logical Solving Method 2	Developing logical solving methods for the nature of problems.
	英	Logical Solving Method 2	Developing logical solving methods for the nature of problems.
8	日	Logical Solving Method 3	Developing logical solving methods for the nature of problems.
	英	Logical Solving Method 3	Developing logical solving methods for the nature of problems.
9	日	Practical Solving Method 1	Developing logical solving methods for the nature of problems.
	英	Practical Solving Method 1	Trial of hypothesis methods in fields, and refining to a practical level.
10	日	Practical Solving Method 2	Developing logical solving methods for the nature of problems.
	英	Practical Solving Method 2	Trial of hypothesis methods in fields, and refining to a practical level.
11	日	Practical Solving Method 3	Developing logical solving methods for the nature of problems.
	英	Practical Solving Method 3	Trial of hypothesis methods in fields, and refining to a practical level.
12	日	Practical Solving Method 4	Developing logical solving methods for the nature of problems.
	英	Practical Solving Method 4	Trial of hypothesis methods in fields, and refining to a practical level.
13	日	Practical Solving Method 5	Developing logical solving methods for the nature of problems.
	英	Practical Solving Method 5	Trial of hypothesis methods in fields, and refining to a practical level.
14	日	Discussion and Report 1	viewing and documentation of all steps of the process
	英	Discussion and Report 1	viewing and documentation of all steps of the process
15	日	Discussion and Report 2	viewing and documentation of all steps of the process
	英	Discussion and Report 2	viewing and documentation of all steps of the process

履修条件 Prerequisite(s)

日	
英	

授業時間外学習（予習・復習等）
Required study time, Preparation and review

日	Not in particular
英	Not in particular

教科書／参考書 Textbooks/Reference Books

日	Not in particular
英	Not in particular

成績評価の方法及び基準 Grading Policy

日	End-of-term evaluation by daily activities and reports(100%)
英	End-of-term evaluation by daily activities and reports(100%)

留意事項等 Point to consider

日	Understand research ethics.
英	Understand research ethics.