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| Tsuyama College | | Year | 2023 | | Course Title | Practice on Regional Cooperation |
| Course Information | | | | | | |
| Course Code | | 0024 | | Course Category | | Specialized / Elective |
| Class Format | | Seminar | | Credits | | Academic Credit: 1 |
| Department | | Advanced Electronics and Information System Engineering Course | | Student Grade | | Adv. 2nd |
| Term | | Intensive | | Classes per Week | | |
| Textbook and/or Teaching Materials | | | | | | |
| Instructor | | SAEKI Fumihiro,TERAMOTO Takayuki | | | | |
| Course Objectives | | | | | | |
| Learning Objective: Students will learn the role of our school as a community-based educational institution and acquire problem-solving skills for the community. In this course, students will reconfirm their own skills and knowledge, and develop new approaches to research and study through contributing to the solution of problems from regional companies and through demonstrating the fun of science, technology, and experiments to elementary and junior high school students. | | | | | | |
| ◎Implement and evaluate the design solutions developed to solve the client's requirements through collaborative work involving the local community. ◎Explain and communicate professional knowledge and skills to the general public in an easy-to-understand manner | | | | | | |
| Rubric | | | | | | |
| | Excellent | | Good | | Acceptable | Unacceptable Level |
| Achievement 1 | Practice and evaluate designs to solve clients' requirements, and to be able to point out additional problems and make suggestions. | | Practice and evaluate designs to solve the client's requirements through collaborative activities with the local community. | | Practice what they have designed to solve the client's requirements through collaborative activities in cooperation with the local community. | Cannot practice what they have designed to solve the client's requirements. |
| Achievement 2 | Propose and prepare teaching materials and explain professional knowledge and skills to the general public in an easy-to-understand manner. | | Explain specialized knowledge and skills to the general public using the given teaching materials in an easy-to-understand manner. | | Explain technical knowledge and skills to the general public using the given materials. | Cannot explain technical knowledge and skills to the general public using the given materials. |
| Assigned Department Objectives | | | | | | |
| Teaching Method | | | | | | |
| Outline | General or Specialized: Specialized Field of learning: Basic subjects in natural sciences Foundational academic disciplines: Engineering and Social Science Relationship with Educational Objectives: This class is equivalent to "(1) Deepen knowledge of natural science subjects, particularly mathematics and physics, broaden knowledge of the humanities and social sciences, and apply these as basic academic skills related to mechanical and control systems engineering and electronic and information systems engineering". Relationship with the JABEE Program The main goals of learning / education in this class are "F", also "A" and "C"are involved. Outline of the class: Contribute to the local community through open lectures, etc., by utilizing the knowledge and skills learned so far. In this course, students will be able to deepen their knowledge, broaden their perspectives, and learn about the relationship with society and the impact of technology on society. | | | | | |
| Style | Course method: Case 1: Students are expected to actively participate in the school's open lectures, visiting classes, open campus, community events, etc., and work with the teachers in charge. And submit the designated report after implementation. Case 2: The class will be conducted based on the needs of local regions. Grade evaluation method: For students who have submitted an application for credit, evaluation will be made based on the report of the event. The evaluation will be approved by the steering committee of the advanced engineering course at the end of the academic year. In the case that the course is offered as a class based on the needs of the local community, credit will be awarded based on 70% for the examination and 30% for the assignment. | | | | | |

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| Notice | <p>Precautions on the enrollment : This is a class that requires study outside of class hours. A total of 45 hours of study is required per credit, including both class time and study outside class time. Follow the instructions of the instructor regarding study outside of class hours. This is a course that can be taken over two years.</p> <p>Course Advice: Print out in advance the Report on the Community Collaboration Exercise, which is located in the shared folder. In the case of classroom lectures, teaching materials will be distributed in electronic format so that they can be viewed during class. It is important for students to have an interest in contributing to the local community by utilizing their own specialties, and to make efforts to expand their knowledge.</p> <p>Foundational subjects: All subjects studied so far</p> <p>Related subjects: All subjects</p> <p>Attendance advice: Since the project is mainly related to the local community, be aware that you are a student of our school when you conduct the project. Students are expected to actively cooperate in activities outside their own field of expertise. Ask your teachers for information on events related to this subject.</p> |
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Characteristics of Class / Division in Learning

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| <input type="checkbox"/> Active Learning | <input type="checkbox"/> Aided by ICT | <input type="checkbox"/> Applicable to Remote Class | <input type="checkbox"/> Instructor Professionally Experienced |
|--|---------------------------------------|---|--|

E l e c t i v e s u b j e c t s

Course Plan

| | | | Theme | Goals |
|--------------|-------------|------|---|-------|
| 1st Semester | 1st Quarter | 1st | Support for events 30 hours or more | |
| | | 2nd | Teaching and support at open lectures, open campus, community events, etc. in which the school is involved | |
| | | 3rd | Cooperate in multiple events for a total of at least 30 hours and submit a report . (Travel time is not included). | |
| | | 4th | Total More than 30 hours | |
| | | 5th | | |
| | | 6th | Study outside class time: Event preparation and cleanup (If a preparation day is set aside, it may be included in class time.) Preparation of a report (The format will be separately indicated.) | |
| | | 7th | | |
| | | 8th | | |
| | 2nd Quarter | 9th | | |
| | | 10th | | |
| | | 11th | | |
| | | 12th | | |
| | | 13th | | |
| | | 14th | | |
| | | 15th | | |
| | | 16th | | |
| 2nd Semester | 3rd Quarter | 1st | | |
| | | 2nd | | |
| | | 3rd | | |
| | | 4th | | |
| | | 5th | | |
| | | 6th | | |
| | | 7th | | |
| | | 8th | | |
| | 4th Quarter | 9th | | |
| | | 10th | | |
| | | 11th | | |
| | | 12th | | |
| | | 13th | | |
| | | 14th | | |
| | | 15th | | |
| | | 16th | | |

Evaluation Method and Weight (%)

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| | Report | Total |
| Subtotal | 100 | 100 |

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|-------------------------|-----|-----|
| Basic Proficiency | 0 | 0 |
| Specialized Proficiency | 0 | 0 |
| Cross Area Proficiency | 100 | 100 |