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| Toyama College | | Year | 2020 | | Course Title | Information Processing | |
| Course Information | | | | | | | |
| Course Code | 0014 | | | Course Category | Specialized / Elective | | |
| Class Format | Lecture | | | Credits | Academic Credit: 2 | | |
| Department | Control Information Systems Engineering Course | | | Student Grade | Adv. 1st | | |
| Term | First Semester | | | Classes per Week | 2 | | |
| Textbook and/or Teaching Materials | | | | | | | |
| Instructor | Akiguchi Shunsuke | | | | | | |
| Course Objectives | | | | | | | |
| Through this course, understanding of the following will be facilitated. 1. Data processing and analysis with Excel. 2. Creating macros using VBA. 3. Explanation about emotional information processing. | | | | | | | |
| Rubric | | | | | | | |
| | | Ideal Level of Achievement (Very Good) | | Standard Level of Achievement (Good) | | Unacceptable Level of Achievement (Fail) | |
| Evaluation 1 | | Clearly understands the method of data processing and analysis using Excel in detail. | | Ability to explain the overview and concept of data processing and analysis using Excel. | | Unable to explain the method of data processing and analysis using Excel. | |
| Evaluation 2 | | Clearly understands the creation method of macro for VBA in detail. | | Ability to explain the overview and concept of macro creation method by VBA. | | Unable to explain the creation method of macro for VBA. | |
| Evaluation 3 | | Clearly understands the method of emotional information processing in detail. | | Ability to explain the overview and concept of emotional information processing method. | | Unable to explain the method of emotional information processing. | |
| Assigned Department Objectives | | | | | | | |
| Teaching Method | | | | | | | |
| Outline | In this course, you will learn about the principles and fundamental techniques required for data processing and analysis. To understand data processing and analysis method, macro creation method and emotional information processing. | | | | | | |
| Style | Student masters this course through lectures and seminar. | | | | | | |
| Notice | The recognition of credit requires 60 points or more rating. | | | | | | |
| Course Plan | | | | | | | |
| | | | Theme | | Goals | | |
| 1st Semester | 1st Quarter | 1st | Guidance | | Guidance: Discuss the goals and structure of this course. | | |
| | | 2nd | Information processing using computer -1- | | Learn the data processing by Excel | | |
| | | 3rd | Information processing using computer -1- | | Learn the data analysis by Excel | | |
| | | 4th | Information processing using computer -2- | | Learn the programming method | | |
| | | 5th | Information processing using computer -2- | | Learn the programming method | | |
| | | 6th | Information processing using computer -3- | | Introduction for Excel macro | | |
| | | 7th | Information processing using computer -3- | | Create a macro using VBA | | |
| | | 8th | Information processing using computer -3- | | Create a macro using VBA | | |
| | 2nd Quarter | 9th | Information processing using computer -3- | | Create a macro using VBA | | |
| | | 10th | Exercise | | Exercise | | |
| | | 11th | Emotional information processing method -1- | | Introduction to the trends in the emotional information processing method. | | |
| | | 12th | Emotional information processing method -2- | | Learn about the details of the emotional information processing method. | | |
| | | 13th | Emotional information processing method -3- | | Learn about designing and implementing the emotional information processing method. | | |
| | | 14th | Exercise | | Exercise | | |
| | | 15th | Final Examination | | Final Examination | | |
| | | 16th | Checking the Final Evaluation | | Checking the Final Evaluation | | |
| Evaluation Method and Weight (%) | | | | | | | |
| | Examination | Presentation | Mutual Evaluations between students | Behavior | Portfolio | Other | Total |
| Subtotal | 70 | 0 | 0 | 0 | 30 | 0 | 100 |
| Basic Ability | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Technical Ability | 70 | 0 | 0 | 0 | 30 | 0 | 100 |
| Interdisciplinary Ability | 0 | 0 | 0 | 0 | 0 | 0 | 0 |