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| 授業科目名<br>Course Title                                 | 労働・環境衛生学<br>Occupational and Environmental Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 科目種別<br>Course Type | 選択必修科目<br>Compulsory Elective Subject            |
| 領域<br>Field                                           | 環境保健科学<br>Environment Health Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 分野<br>Department    | 環境労働衛生学<br>Occupational and Environmental Health |
| 担当教員<br>Instructor                                    | 加藤昌志 Masashi KATO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                                                  |
| 単位数<br>Number of Credits                              | 1単位 1 credits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                  |
| 期間・曜日・時限<br>Time and Date                             | 10月～12月 毎週火曜日 13:00～14:30<br>13:00 to 14:30 every Tuesday from October to December                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                                                  |
| 実施場所<br>Place                                         | YLPセミナールーム<br>YLP Seminar Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                  |
| 授業形態<br>Type of Class                                 | 講義 Lecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                  |
| 授業の目的<br>Objectives of the Course                     | Recently, most of investigators in life science and medical fields concentrate to clarify the mechanism of genetic factor-mediated diseases. Therefore, the correlation between gene and disease is rapidly clarifying. However, not only genetic factors but also environmental factors significantly affect development of various diseases. Nevertheless, clarification of correlation between environmental factors and diseases is delayed. Occupational and Environmental Health is focusing to prevent environmental factor-mediated diseases through clarification of mechanism for the disease using scientific and political methods. |                     |                                                  |
| 学習到達目標<br>Goals of the Course                         | The goal of this course is to provide a comprehensive overview of occupational and environmental health. The course will provide a framework for understanding how scientific information is used in the risk assessment designated to protect workers and residents from hazardous chemicals. Students will be able to evaluate and assimilate information as well as learning to research and develop integrated presentations on occupational and environmental health issues, supported by current scientific knowledge.                                                                                                                    |                     |                                                  |
| 授業の構成<br>Course Content                               | ①<br>② Usually 2 students per one class will present the problems in the field of Occupational and Environmental Health in their country.<br>③ Presentation and share the information in all students.<br>Presentation of 2 students/class: 25 min presentation and 15 min discussion for one students.<br>A brief examination may be performed in the end of this lecture. The examination shows that you attended this lecture.                                                                                                                                                                                                               |                     |                                                  |
| 教科書・参考図書等<br>Textbooks/References                     | 適宜指示する。<br>To be presented on demand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                  |
| 成績評価方法・基準<br>Course Evaluation Method and Criteria    | プレゼンテーション、ディスカッション等により総合的に判断する。<br>To be comprehensively assessed based on presentations and discussions by the student.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                  |
| 履修条件・関連する科目<br>Prerequisites/Related Courses          | 適宜指示する。<br>To be presented on demand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                  |
| 時間外学習等<br>Self-directed Learning Outside Course Hours | 適宜指示する。<br>To be presented on demand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                  |
| 質問への対応方法<br>How to Respond to Questions               | 適宜指示する。<br>To be presented on demand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                  |
| 備考<br>Additonal Information                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                                                  |