

科目名 Course Title	Inter-Graduate School Classes (General Subject): Inter-Disciplinary Sciences		
講義題目 Subtitle	Global Practical Course I		
責任教員 Instructor	TANI Hirofumi (Faculty of Engineering)		
担当教員 Other Instructors	LOMAEVA Marina (Institute for the Advancement of Higher Education)		
	WHITFIELD Dale Lee (Institute for the Advancement of Higher Education)		
科目種別 Course Type	Inter-Graduate School Classes	他学部履修等の可否 Open To Other Faculties / Schools	OK
開講年度 Year	2024	期間 Semester	1st (Spring Term)
授業形態 Type of Class	Seminar	単位数 Number of Credits	2
対象学科・クラス Eligible Department / Class	-	対象年次 Year of Eligible Students	-
時間割番号 Course Number	101232 (Tuesday class) 101278 (Thursday class)	補足事項 Other Information	-
ナンバリングコード Numbering Code	IGS_IDS 9211		
大分類コード・名称 Major Category Code / Title	IGS_IDS / Inter-Graduate School Classes_Inter-Disciplinary Sciences		
レベルコード・レベル Level Code / Level	9 / Others (e.g. study abroad)		
中分類コード・名称 Middle Category Code / Title	2		
小分類コード・名称 Small Category Code / Title	1		
言語 Language Type	Classes are in English.		
実務経験のある教員等による授業科目 Course list by the instructor with practical experiences	-		
<b>キーワード Key Words</b>			
<p>“3+1 Competencies” (Ability for Sustainable Personal Development; Team Organization &amp; Management Skills; Capacity for Knowledge Sharing &amp; Application for Social Benefit; and Professional Ethics), leadership, communication, team building, facilitation, creative thinking, critical thinking, presentation skills, professionalism</p>			
<b>授業の目標 Course Objectives</b>			
<p>This course is open to all master's and professional degree students and is offered as one of the Pre-program Courses for students who intend to enroll in the Nitobe College Honors Program: Graduate Curriculum. Completing this course and "Global Practical Course II" is one of the requirements for enrollment in the Nitobe College Honors Program: Graduate Curriculum. (Taking this course does not oblige the students to apply for enrollment in Nitobe College)</p> <p>Nitobe College Honors Program: Graduate Curriculum aims to develop students into professionals with “3+1 Competencies” (Ability for Sustainable Personal Development; Team Organization &amp; Management Skills; Capacity for Knowledge Sharing &amp; Application for Social Benefit; and Professional Ethics), which are considered essential to thrive in a globalizing world. As a preparatory step toward this goal, the students participate in collaborative projects with peers with different intellectual concerns and expertise in this course. This course is designed to improve students’ personal ability necessary to make a valuable contribution to collaboration while developing their knowledge and skills for productive teamwork. More than “3+1 Competencies”, this course helps students to develop, e.g., creative and critical thinking skills, team building skill, leadership skill, facilitation skill, and presentation skill.</p>			
<b>到達目標 Course Goals</b>			
<p>By completing this course, the students will be able to:</p> <ul style="list-style-type: none"> <li>- Understand the educational philosophy and learning goals of Nitobe College;</li> <li>- Build up individual skills essential to participate in collaboration, such as creative and critical thinking skills, and presentation skills;</li> <li>- Develop knowledge and skills vital to contribute to productive teamwork, including leadership, team building, and facilitation;</li> <li>- Embrace and enrich their specialist knowledge and abilities, while developing an appreciation for different fields of study;</li> <li>- Develop diversity awareness and professional ethics, which are required to act as responsible professionals and make a valuable contribution to society.</li> </ul>			
<b>授業計画 Course Schedule</b>			
<p>This course covers the following modules in relation to each other:</p> <p>Module 1: Course Orientation &amp; Self-discovery</p>			

- Course Orientation

Nitobe College's educational philosophy (particularly, the importance of team-based learning), the goal and objectives of the course, class formats and basic rules, academic calendar and class schedule, and the significance of and basic instructions on "Nitobe Portfolio (NPF)," etc. are explained.

- Self-discovery

The students have a discussion with peer students based on the prepared "Self-presentation Slide," through which they get a better understanding of the present state of their knowledge, skills and set their learning goal at the Nitobe College.

Module 2: Creative Thinking

Creative thinking is the skill of looking at taken-for-granted things in a new light, or "thinking out of the box," which requires curiosity, courage, and an adventurous spirit for new discoveries and unlearning what already learned. Students learn its significance and applicability for their graduate research and lifelong sustainable personal development, and develop this thinking skill through practical exercises.

Module 3: Critical Thinking

Critical thinking is the skill of analyzing and evaluating empirically gathered information to find an optimal solution. This skill is indispensable to problem finding and problem solving, and more broadly for critically examining the world around us. Students first learn about it, its importance for and applicability to their graduate research and other practical purposes, and do exercises to develop this fundamental skill.

Module 4: Leadership

Leadership is not a mere personal quality of a designated leader but is more of a relationship, with all team members making distinct yet equally valuable contributions to a shared project goal. Students understand the distinction and complementarity of leader and leadership. They think what they should and would do to create and reinforce leadership as a relationship.

Module 5: Team Building & Facilitation

Team building is the ability to develop a random group of people into a collaborative, goal-oriented team. Complementary to team building, facilitation is an essential skill to assist communication between team members and help them build a productive relationship, encourage their critical thinking and collaboration towards the shared goal. Guidance lectures and practical exercises train students in team building and facilitation for productive collaboration in project work.

Module 6: Presentation

Guidance lectures and practical exercises help students develop their presentation skills and learn how to make a well-structured presentation, taking into account the context and audience, their professional background and interests.

Module 7: Reflection and Planning

Team and class discussion prompt students to reflect upon their learning outcomes and make a study plan for Foundation II and beyond.

Module 8: Professional Ethics

Learn about experts, professionalism, and professional ethics through lectures and discussions. Researchers from Hokkaido University and other institutions as well as experts active in a variety of other fields will be invited as guest lecturers. They will give lectures and provide topics for discussion. E-learning or reading based on related topics may be assigned in advance according to the guest lecturers' instructions (Instructions will be provided for details).

The schedule for Tuesday class in AY2024 is as follows;

Every Tuesday from April 23 to June 11, 2024, 5th and 6th periods

The final session also serves as the first session of "Global Practical Course II."

The schedule for Thursday class in AY2024 is as follows;

Every Thursday from April 25 to June 13, 2024, 5th and 6th periods

The final session also serves as the first session of "Global Practical Course II."

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**準備学習(予習・復習)等の内容と分量 Homework**

After each class, students are required to submit their learning outcomes, comments on class content, and self-evaluation through the Nitobe Portfolio (NPF).

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**成績評価の基準と方法 Grading System**

The evaluation items are as follows; active participation in class, contribution to team learning, assignments required to be submitted (self-presentation slide), learning outcomes and self-evaluation, comments on class content, and self-evaluation of the "3+1 Competencies" as well as final Self-evaluation Report required to submit later to identify/define their learning outcomes and review and revise future learning goals. If new evaluation items are added, explanations will be provided as necessary.

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**テキスト・教科書 Textbooks**

必要に応じて指示する。

Supplementary materials are instructed or provided when necessary.

**講義指定図書 Reading List**

必要に応じて指示する。

Supplementary materials are instructed or provided when necessary.

**参照ホームページ Websites**

<https://nitobe-college.academic.hokudai.ac.jp/>, <https://nitobe-college.academic.hokudai.ac.jp/en/>

**研究室のホームページ Websites of Laboratory**

N/A

**備考 Additional Information**

Students considering to take the course are required to participate in one of the guidances listed below, and to submit the preliminary assignments specified in the guidance (deadlines and methods will also be specified in the guidance).

If you are unable to attend the guidance session due to unavoidable circumstances, contact

<nitobecollegegraduates@high.hokudai.ac.jp> in advance.

2024 Guidance for First Semester Pre-program courses (also Nitobe College enrollment Information Session)

Date; April 9 (Tue) 5 pm- (Japanese session)

Date; April 11 (Thu) 5 pm- (English session)

Place; Room S5 (1F), S-Building, Institute for the Advancement of Higher Education, Hokkaido University

Applicants who will be permitted to take the course will be determined based on the content of the preliminary assignments and will be notified at 1 pm on April 18.

For details, please refer to the Nitobe College website.

Inquiries regarding this course: nitobecollegegraduates@high.hokudai.ac.jp