

Category (科目区分)	Cluster of Cancer Treatment Specialist Training System		
Course Title (授業科目名)	Advanced Clinical Oncology I		
Instructors (担当者名)	Hiroyuki Shibata	Academic Year (配当年次)	All grades
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	2
Class Format (授業形態)	Web class		
Schedule (開講期間)	2024 April-2025 March		
Class Date/Period (開講曜日・時間)	This is an on-demand lecture, Take the course at any time.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>Course Objectives and Outline : General Theory of Clinical Oncology Necessary for Cancer Treatment. Academic Objectives: To acquire a wide range of basic knowledge of cancer epidemiology, statistics, biology, genomic science, pathology, radiation therapy, chemotherapy, palliative medicine, ethics, etc., which are necessary for oncologists as the basis of clinical oncology. This course is a common course under the Tohoku Regional Next Generation Cancer Professional Development Plan Project, and you must register to use ISTU (Tohoku University Internet School) and the National Cancer Professional Online Education Platform to attend the lectures. Information will be sent to students by e-mail after registration is completed.</p>			
Course Planning (授業計画)			
	Course Outline/ Course Objectives (授業の概要及び到達目標) (Contents of Class) (授業内容)	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Health Economics of Cancer	(Masayasu Murakami)	(Yamagata University)
2	Cancer Registry	(Masashi Matsuzaka)	(Hirosaki University)
3	Oncological pathology	(Riuko Ohashi)	(Niigata University)
4	Tumor Immunology and Immunotherapy	(Hidekazu Shirota)	(Tohoku University)
5	Introduction to Cancer Pharmacotherapy I	(Takashi Yoshioka)	(Yamagata University)
6	Introduction to Cancer Pharmacotherapy II	(Masato Moriyama)	(Niigata University)
7	Introduction to Radiation Oncology	(Yuki Wada)	(Akita University)
8	Radiation Biology	(Masahiko Aoki)	(Hirosaki University)
9	Introduction to Oncology Surgery	(Yoshifumi Shimada)	(Niigata University)
10	Introduction to Palliative Medicine	(Akira Inoue)	(Tohoku University)
11	Psycho-oncology (Select and view one lecture from Common Knowledge 5-1 to 5-3)	Select and view from the National Cancer Professional Online Platform	
12	Cancer Nursing	(Naoko Sato)	(Fukushima Medical University)
13	Cancer Pharmaceutics	(Masafumi Kikuchi)	(Tohoku University)
14	Oral care	(Dodo Mina)	(Tohoku University)
Grading Criteria (成績評価の基準と方法)			
Grading will be based on the content of the submitted reports. Submission of reports will be closed in mid-October each year in order for the credits to be approved by the Tohoku Regional Next Generation Cancer Professional Development Plan Expansion Steering Committee.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Hiroyuki Shibata / E-mail: hiroyuki@med.akita-u.ac.jp			
Comment (その他特記事項)			
<p>Course Information: Lectures will be given on demand from ISTU (Internet School of Tohoku University) and National Cancer Pro Online Education Platform. Please watch the lectures on your own. Viewing period: Late April to end of March *Provided that: credit for report evaluation will be given by the mid-October deadline each year. Textbooks and references: None Learning content during self-study time: It is desirable to conduct preparatory learning according to the goal and class content. *Candidates for the Cancer Treatment Specialist Training Cluster must take either this course or 「Advanced Clinical Oncology II.」</p>			