Course title <English>	健康情報学　I Health informatics I		Affiliated department, Job title,Name	Graduate School of Medicine Professor,NAKAYAMA TAKEO Graduate School of Medicine Senior Lecturer,TAKAHASHI YOSHIMITSU Part-time Lecturer,MIYAZAKI KIKUKO Okayama University Graduate School of Environmental and Life Science, Professor TSUDA TOSHIHIDE Daito Bunka University, Professor, SUGIMORI HIROKI Tokyo Ariake University of Medical and Health Sciences, Professor TSUTANI KIICHIRO Japan MBTI Association, Director SONODA YUKI Japan Internet Medical Association MITANI　HIROAKI Center for Cancer Control and Information Services, Director WAKAO　FUMIHIKO
Grade alloted	Professional degree students	**Number of credits**	2	**Course offered year/period** 2016/Second semester
Day/period	Fri.2	**Class style** Lecture		**Language** Japanese and English

[Outline and Purpose of the Course]

This course comprises systematic lectures on health / medical information, collection, accumulation, transmission, retrieval and appraisal of data and knowledge. Being based on epidemiology and EBM, methods of utilizing information about health and medicine via medical literature, mass media or internet. Health literacy, circulation of information and information ethics including protection of individual information will be also addressed. To assess the quality of healthcare-related website, the e-health code version 2 developed by the Japan Internet Medical Association will be introduced. Moreover, the workshop of the "MBTI", which is very popular among healthcare professionals in the US and western countries, will be held to understand intra and inter personal pattern of information recognition and processing, and communication.

[Course Goals]

・Being based on knowledge of epidemiology and EBM, to acquire skills of utilizing various health / medical information.
・To be capable of collecting and appraising health information via mass media or internet and of utilizing them as materials for decision making, problem solving and promoting communication.
・To understand intra and inter personal pattern of information recognition and processing, and communication in terms of the "MBTI".

[Course Schedule and Contents]

1 October 7 Information / health literacy: Introduction 1
2 October 14 Information / health literacy: Introduction 2
3 October 21 Quality of life and "patient reported outcome" in health
4 November 4 Internet and e-health
5 November 11 Evidence-based practice and clinical practice guidelines
6 November 25 November 25Narrative information: the significance and possibility

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7 December 2 Dissemination of cancer information: the current state of enlightenment and problem
8 December 9 Causal inference: An advanced information literacy
9 December 16 Communicating Risks and Benefits
10 January 6 Health literacy and risk communication
11 January 13 Health information and communication on complementary and alternative medicine
12 January 20 Public health informatics
13 January 26 "MBTI" special workshop (1)
14 January 27 "MBTI" special workshop (2)
15 Feburary 3 January 20 Individual presentation and wrap-up
Note: This schedule is subject to change.

[Class requirement]

None (it is desirable to have basic knowledge of epidemiology or evidence-base medicine).

[Method, Point of view, and Attainment levels of Evaluation]

Short report for each lecture 80%, Oral Presentation 20%

[Textbook]

The material necessary for the lecture will be provided by lecturers.

[Reference books, etc.]

（**Reference books**）
Baruch Fishhoff, Noel T Brewer, Julie S Downs 『Communicating Risks and Benefits: An Evidence-Based User's Guide』（US Department of Health and Human Services, Food and Drug Administration）

[Regarding studies out of class (preparation and review)]

Rather than spending more time on your preparation, please put more energy into the review.

（Others (office hour, etc.)）

Information is defined as "those which reduce uncertainty". This course provides students with the opportunity to consider how to develop, transmit and utilize information appropriately. Moreover, the special workshop of the "MBTI" must benefit students to widen perspectives of personal pattern of information recognition, processing and communication.
This course is open to graduate students with the school of human health science.

*Please visit KULASIS to find out about office hours.