Course title <English>	健康情報学　II Health informatics II				Affiliated department, Job title,Name		Graduate School of Medicine Senior Lecturer,TAKAHASHI YOSHIMITSU

Grade alloted	Professional degree students	Number of credits	1	Course offered year/period	2016/Irregular, Second semester

Day/period	Fri.3,4	Class style	Lecture	Language	Japanese and English

[Outline and Purpose of the Course]

・Participants will learn about elementary knowledge of the Internet and e-health, and pragmatic cases and researches of healthcare ICT will be introduced.
・After an introduction of several guidelines and checklists on healthcare ICT, participants will learn skills of critical appraisal of e-health researches.
・Participants will learn about secondary data analysis and medical big data in Japan.
・Participants will learn about elementary knowledge of life course epidemiology. After the Social Security and Tax Number System were implemented in 2016, we should consider about the utility of this system on healthcare.

[Course Goals]

・Knowledge of the Internet and concepts of e-health
・Pros and cons of Internet surveys
・Guidelines and checklists on healthcare ICT
・Medical big data and secondary data analysis
・Life course epidemiology and unique number systems

[Course Schedule and Contents]

1) Dec 2, 4th, Guidelines and checklists of healthcare ICT
2) Dec 9, 4th, Elementary knowledge of the Internet
3) Dec 16, 3rd, Cases of healthcare ICT (1)
4) Dec 16, 4th, Cases of healthcare ICT (2)
5) Jan 13, 3rd, Group work (Developing a form of an Internet survey)
6) Jan 13, 4th, Medical big data and secondary data analysis
7) Jan 20, 3rd, Life course epidemiology
8) Jan 20, 4th, Discussion

[Class requirement]

None

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

Participation in class and discussion 30%, Report or presentation 70%

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[Textbook]

Not used

[Reference books, etc.]

（**Reference books**）

Introduced during class

[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.)** ）

This course is open to graduate students with the school of human health science.

*Please visit KULASIS to find out about office hours.

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