

**1. Course Code**

2281

**2. Course Title**

ICT4D Project Exercises

**3. Teacher**

TAKAHARA, Toshiro

**4. Term**

Spring 1

**5. Course Overview and Objectives**

The objective of the course is to design a desirable ICT4D projects by deepening the understandings of theoretical and practical framework of ICT4D. Through various lectures, thought experiments and discussions, students are guided to learn about the mechanism of ICT4D projects, especially a standard project planning method; Project Cycle Management. This course is intended to learn about risk mitigation techniques during the project implementation and monitoring/evaluation method.

**6. Course Goals (Attainment Targets)**

- (1) Understand different viewpoint of stakeholders on ICT4D projects using analysis skills
- (2) Ability to explain logically the mechanism of your project using theoretical frameworks
- (3) Ability to explain the risk of your project and how to mitigate these risks
- (4) Ability to plan an ICT4D project
- (5)
- (6)

**7. Correspondence relationship between Educational goals and Course goals**

		Educational goals of the school	Course Goals
High level ICT skills	Basic academic skills		
	Specialized knowledge and literacy		
Human skill (Tankyu skill)	Ability to continually improve own strengths		(1)(2)(3)(4)
	Ability to discover and resolve the problem in society	Problem setting	(1)
		Hypothesis planning	(1)(2)(3)
		Hypothesis testing	(2)(3)(4)
		Practice	(4)
	Fundamental Competencies for Working Persons	Ability to step forward	(1)(2)(3)(4)
	Ability to think through	(1)(2)(3)(4)	
	Ability to work in a team	(1)(2)(3)(4)	
Professional ethics			

**8. Course Requirements (Courses / Knowledge prerequisite for this course)**

None

**9. Textbooks (Required Books for this course)**

None

**10. Reference Books (optional books for further study)**

## 11. Evaluation

	Evaluation method & point allocation					
	examination	Quiz	Reports	Presentation	Deliverables	Other
(1)			○	○		
(2)			○	○		
(3)			○	○	○	
(4)			○	○		
(5)						
(6)						
Allocation			30	50	20	

## 12. Notes

Active participation to the discussion will be appreciated and counted to the evaluation

## 13. Course plan

(Notice) This plan is tentative and might be changed at the time of delivery

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Lesson 1: Course introduction/ Kick off/ Method introduction      Lecture & Discussion:  
(Analysis skill and Planning Skill) (Lecture)      90min

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1. Course introduction and kick off
2. Skills to be obtained at the end of the course
3. Grading method
4. Assignment: Read Alan Kay's "A Personal Computer for Children of All Ages" and write a memo on your viewpoint on it.

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Lesson 2: Project failures and cause analysis: Learn from the      Lecture & Discussion:  
failure case      90min

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1. Presentation of project failure examples
2. Discussion on the cause of failure and risk mitigation

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Lesson 3: Building an ICT4D Project (Project Design)      Lecture & Discussion:  
90min

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1. Methodology of building an ICT4D project
2. Choice of appropriate technology
3. Idea is everything
4. How to make your idea really work? Power of design

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Lesson 4: Various method and tool to build a project      (Lecture, 75 min. /  
Q&A, 15 min.)

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1. Introduction of Various Project Planning Method
  2. Pros & Cons of Ptoject Planning Method
  3. How to design an inclusive project
  4. Ownership of the project
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Lesson 5: Stakeholder analysis (Understand the Requirements of stakeholders)      Lecture & Discussion: 90min

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1. SWOT Analysis
2. Who are the stakeholders?
3. Beneficiaries, counterparts and opponents
4. How to deal with different interest of stakeholders
5. Optimisation of a project

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Lesson 6: Problem Analysis and Problem Tree      Lecture & Discussion: 90min

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1. How to proceed to problem analysis
2. Listing of problems
3. Categorise the problems
4. Cause-Effect relationship of the problem
5. How to build a problem tree

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Lesson 7: Objective Analysis and Objective Tree      Lecture & Discussion: 90min

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1. How to transform problems to objectives
2. Build an objective tree
3. Analysis of the objective tree
4. What we can and what we cannot
5. Choose the appropriate objectives

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Lesson 8: Logframe 1 (Narrative summary & Inputs)      Lecture & Discussion: 90min

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1. Build a logic among objectives
2. Presentation of Logframe
3. Narrative summary (Overall objective, Project purpose, Outputs and activities)
4. Building activities
5. Plan inputs of the project

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Lesson 9: Logframe 2 (Indicators & Assumptions)      Lecture & Discussion: 90min

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1. Indicators and means of verification
2. Quantitative indicator and qualitative indicator
3. Probability and how to set an appropriate goal
4. Assumptions

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Lesson 10: WBS, Gantt Chart and other project management tools      Lecture & Discussion: 90min

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1. What is WBS?
  2. What is Gantt chart?
  3. Project management tools
  4. How to monitor a project
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Lesson 11: Monitoring and Evaluation of a Project

Lecture & Discussion:  
90min

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1. Project management: Process and consensus
  2. Risk mitigation: Theory and practice
  3. Project Monitoring and Evaluation
  4. DAC evaluation criteria

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Lesson 12: Project Planning Exercise (Introduction)

Lecture 40min, Exercise  
50min

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1. Use the same scenario to make different projects
  2. How to proceed to this exercise
  3. Choice of the method and tool
  4. Final output as a presentation & project document

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Lesson 13: Project Planning Exercise (Exercise)

Exercise 90 min

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1. Use the same scenario to make different projects
  2. What are the target group? What are the project activities and indicators?
  3. Use various planning tools to make a project
  4. Include risk evaluation and mitigation

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Lesson 14: Presentation session (Individual/ Group)

Presentation 90min

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1. Presentation session
  2. Discussion (Q&A)

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Lesson 15: Sum up and evaluation

Discussion 90min

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1. Revision of the course, important points to remember, and class feedback
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