

## Aims and Tentative Schedule of the AY2015 Intensive Course (2) for Prof F. Shinohara (X/12-X/16, 2015)

**Subject:** METHODOLOGY OF E-CONTENT DESIGN AND DEVELOPMENT

**Lesson aim:** To have ability, knowledge to process e-content.

**Student will be able to the followings at the end of this course:**

- To be able to develop e-materials
- To have ability to process Multimedia lesson
- To have ability to process E-testing materials
- To have ability to learn for free open online courses
- To enjoy designing and developing e-contents alone and in collaborative work
- To show will to learn more within his/her capacity

**Lecture - 6 hours**

**Laboratory - 14 hours**

**Number of group - 1**

**Total of students in a group - 40**

Week	Weeks day	Month and date	Training plan	Lesson's time	Hours	Class №
<b>Second week</b>	<b>Monday</b>	X/12	<b>Lecture 1</b>	8.40-10.10	2	6-308
			Laboratory 1	10.20-11.50	2	6-308
			Laboratory 2	12.00-13.00	2	6-308
	<b>Tuesday</b>	X/13	<b>Lecture 2</b>	08.40-10.10	2	6-308
			Laboratory 3	10.20-11.50	2	6-308
	<b>Wednesday</b>	X/14	Laboratory 4	8.40-10.10	2	6-308
			Laboratory 5	10.20-11.50	2	6-308
	<b>Thursday</b>	X/15	<b>Lecture 3</b>	10.20-11.50	2	6-308
			Laboratory 6	12.00-13.30	2	6-308
Laboratory 7			14.00-15.30	2	6-308	

### Tentative Plan – METHODOLOGY OF E-CONTENT DEVELOPMENT

#### **Lecture plan**

#### **Lecture– 1**

#### **Methodology of e-materials development**

- About of training e-material development and it's beyond
- E-learning materials
- E-learning components
- Structure of E-learning
- Methodology of e-materials and it's requirement
- How to developing e-learning design

- E-learning materials development programs

## Lecture – 2

### Methodology of Multimedia lesson development

- What is multimedia?
- About of Multimedia technology development
- How to developing multimedia lesson
- About of interactive learning
- Interactive learning material development
- Integrating media elements

## Lecture – 3

### Grade and more

- Methodology of e-testing material's development
- About of virtual laboratory
- Methodology of virtual laboratory development
- About of smart school
- How to study free online course and about of free open online training courses of Japan

## Laboratory plan

1	<b>Methodology of training e-materials development</b>	<b>Laboratory – 1</b> ○ To develop Training e-material <b>Laboratory – 2</b> ○ To develop Training e-material
2	<b>Methodology of Multimedia lesson development</b>	<b>Laboratory – 3</b> ○ To develop Multimedia lesson <b>Laboratory – 4</b> ○ To develop Interactive learning material <b>Laboratory – 5</b> ○ Integrating media elements
3	<b>Grade and more</b>	<b>Laboratory – 6</b> ○ To develop E-testing materials <b>Laboratory – 7</b> ○ Access free open online training courses of Japan

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