	<b>FACULTY OF ENGINEERING</b>		
	YOGYAKARTA STATE UNIVERSITY		
	<b>TEACHING-LEARNING PLAN OF COST ESTIMATION</b>		
	No. RPP/TSP/TSP 231	Revision: 00	date 15 Pebruari 2009
fifth semester	<i>GLOBAL COST ESTIMATION OF A PROJECT</i>		2x50 minutes

**Subject** : **Cost Estimation**  
**Subject code** : **TSP 231**  
**Study program** : **Civil Engineering and Planning Education**  
**Semester** : **V**  
**Week** : **9-10**  
**Time allocation** : **2 X 50 menit**

#### STANDARD OF COMPETENCY

Having knowledge about the importance of cost estimation, project resources, related sides in project, kind of payments for planner, contractor and supervisor, and also having ability to calculate the global cost and detail cost estimation of a project

#### BASIC COMPETENCE :

1. Having ability to explain the kind of global cost of a project
2. Having ability to calculate the global cost of a project

#### INDICATORS OF ACHIEVED COMPETENCE :

1. explain the kind of global cost of a project
2. calculate the global cost of a project

#### I. OBJECTIVES

1. Having ability to explain the payment system for consultant and supervisor
2. Having ability to calculate the payment


#### II. MATERIALS

1. meaning of relates sides in a project and the item of sides
2. meaning of sequences of a project and the item of sequences

#### III. METHOD

- 1.presentation
- 2.discussion

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#### IV. STEPS

##### A. Opening

1. explaining course objectives
2. aperception, giving oral test
3. motivating

##### B. Main Activities

1. Explain the importance of cost estimation
2. Explain the project resources
3. Explain the component of project resources

##### C. Closing

- a. Sampling oral post test
- b. summarizing

#### V. LEARNING ANDTEACHING TOOLS

1. white board and boardmarker
2. computer and LCD

#### VI. REFERENCES

1. Asiyanto, 2003, Construction Project Cost Management , Pradnya Paramita, Jakarta
2. Erviato, Wulfram I, 2005, Manajemen Proyek Konstruksi, Andi Offset, Yogyakarta
3. Kimpraswil , 2005, Standard Bangunan Negara

#### VII. SCORING

- a. Techniques: written test
- b. Score range: 0-100

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