



FACULTY OF ENGINEERING
YOGYAKARTA STATE UNIVERSITY

TEACHING-LEARNING PLAN OF COST ESTIMATION

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| No. RPP/TSP/TSP 231 | Revision: 00 | date 15 Pebruari 2009 | Page: 1 of 2 |
| fifth semester | <i>Payment system for consultant and supervisor</i> | | 2x50 minutes |

Subject : Cost Estimation
Subject code : TSP 231
Study program : Civil Engineering and Planning Education
Semester : V
Week : 5
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 Payment system for consultant and supervisor
2. Having ability to calculate the payment

INDICATORS OF ACHIEVED COMPETENCE :

1. explain and the payment system for planner and supervisor
2. calculate payment for planner and supervisor

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 and written 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

VII. SCORING

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

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