



**FACULTY OF ENGINEERING  
YOGYAKARTA STATE UNIVERSITY**

**BUILDING PLANNING 1**

Semester V

ANALYSIS OF LOCATION AND SITE

400 minutes

No. RPP/TSP/TSP 224/07-10

Revision :  
00

Date : 01 April  
2008

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**NAME OF SUBJECT : BUILDING PLANNING I**  
**CODE OF SUBJECT : TSP 224**  
**DIVISION/PROGRAM : CIVIL ENGINEERING AND PLANNING EDUCATION**  
**SEMESTER : V**  
**LESSON : 7-10**  
**TIME ALLOCATION : 400 MENIT**

**COMPETENCY :**

1. Understand and be able to formulate criteria for selecting the right location for a public building function
2. Able apply the criteria to select the right location for a public building function
3. Able to analyze the site to set an appropriate site planning in accordance with the conditions of the site.

**SUB COMPETENCY :**

1. Able to formulate the criteria for site selection
2. Able to apply site selection criteria
3. Able to do site planning analysis to set appropriate site utility

**INDICATOR OF COMPETENCY ACHIEVEMENT :**

1. Student able to to formulate criteria for selecting the right location for a public building function
2. Student able to apply the criteria to select the right location for a public building function
3. Student able to analyze the site to set an appropriate site planning in accordance with the conditions of the site.

**I. THE GOAL OF STUDY**

1. Introduce the criteria of site selection for a public building function
2. Introduce the application of site selection criteria for a public building function
3. Explain the procedure to do appropriate site planning in accordance with the condition of site

**II. SUBJECT OF STUDY**

1. Site selection criteria for a public building function
2. Site planning procedure

Editor : Retna H,PhD

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Approved by :  
Drs Agus Santosa, MPd



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### III. METHOD OF STUDY

To achieve the specified competencies, the study is conducted by applying various methods include :

- a. Lecture in class
- b. Discussion on specific topic
- c. Quiz
- d. Study case
- e. Assignment

### IV. STEP OF STUDY

#### 1. Introduction ( 30 minutes)

No	Step	Media
1	Lecturer explains the importance of setting criteria for site selection as a part of planning process	whiteboard, Laptop/computer and LCD + LC screen
2	Lecturer explains site selection concept and terminology	whiteboard, Laptop/computer and LCD + LC screen

#### 2. main courses (350 minutes)

No	step	media
1	Lecturer explains in detail the step to set site selection criteria and site planning concept and procedure.	Reference book, whiteboard, Laptop/computer and LCD + LC screen
2	Lecturer offer the examples to set site selection criteria and how to apply it to select the right site for public building function. Then lectures give examples to plan the site in accordance with site condition.	Reference book, whiteboard, Laptop/computer and LCD + LC screen
3	Questions and discussions	

#### 3. Closings (20 minutes)

No	Step	Media
1	Lecturer gives the quizzes or short question concerning the given topic to provoke the student memories	
2	Lecturer summarizes the course in an outline explanation	
3	Lecturer ask the student to set site selection criteria and do site planning analysis to be presented in the next class	

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**V. V. MEDIA**

Media used in this learning process include :

1. Overhead Projector/OHP
2. Laptop and power point software
1. Viewer/LCD and LCD screen
2. Whiteboard

**VI. RESOURCES / REFERENCES**

1. Sumardjito, Pokok-pokok Materi Kuliah Perencanaan Bangunan 1, 2005
2. Fakultas Teknik UI, Perancangan Yang Sistematis,
3. Christoper Jones, Design Method
4. Ernest Neufert, Architect Data
5. Edward T. White, Site Analysis

**VII. ASSESMENT STANDARD**

1. Assesment technique : Evaluate and asses the quality of student assignment substantially and technically
2. Assesment scoring :
  - a. Assignment score : 80%
  - b. Examination score : 20%

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