NAME OF SUBJECT : BUILDING PLANNING I
CODE OF SUBJECT : TSP 224
DIVISION/PROGRAM : CIVIL ENGINEERING AND PLANNING EDUCATION
SEMESTER : V
LESSON : 1-3
TIME ALLOCATION : 300 MINUTES

COMPETENCY:
1. Able to understand and set spatial need and spatial relationship of a
   public function
2. Able to set spatial organization of a public function

SUB-COMPETENCY:
1. Able to set spatial relationship of a public function
2. Able to set spatial organization of public function

INDICATOR OF COMPETENCY ACHIEVEMENT:
1. Student able to do spatial relationship analysis of a public function based
   on activity frequency
2. Student able to set spatial organization based on spatial relationship
   structure and zoning

I. THE GOAL OF STUDY
1. Introduce technique to set spatial relationship of public function based on
   activity frequency
2. Introduce technique to set spatial organization based and spatial
   relationship structure and zoning

II. SUBJECT OF STUDY
1. Type, frequency and relation of activity
2. Spatial relationship
3. Spatial organization

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)

<table>
<thead>
<tr>
<th>No</th>
<th>Step</th>
<th>media</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Lecturer introduces the important of doing analysis of spatial relationship and organization in a public function</td>
<td>whiteboard, Laptop/computer and LCD + LC screen</td>
</tr>
<tr>
<td>2</td>
<td>Lecturer introduce the process to do analysis of spatial relationship and organization in a public function</td>
<td>whiteboard, Laptop/computer and LCD + LC screen</td>
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#### 2. Main course (250 minutes)

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<th>No</th>
<th>Step</th>
<th>media</th>
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<tbody>
<tr>
<td>1</td>
<td>Lecturer explains the type of activity frequency and relation of activity</td>
<td>Reference book, whiteboard, Laptop/computer and LCD + LC screen</td>
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<tr>
<td>2</td>
<td>Lecturer provides examples of analysis and principles of spatial organization in a case of public building</td>
<td>Reference book, whiteboard, Laptop/computer and LCD + LC screen</td>
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<td>3</td>
<td>Questions and discussion</td>
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#### 3. Closings (20 minutes)

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<th>No</th>
<th>Step</th>
<th>Media</th>
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<tbody>
<tr>
<td>1</td>
<td>Lecturer gives the quizzes or short question concerning the given topic to provoke the student memories</td>
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<tr>
<td>2</td>
<td>Lecturer summarizes the course in an outline explanation</td>
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<td>3</td>
<td>Lecturer ask the student to set space requirement analysis to be presented in the next class</td>
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V. MEDIA
Media used in this learning process include:
1. Overhead Projector/OHP
2. Laptop and power point software
3. Viewer/LCD and LCD screen
4. 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. Assessment technique: Evaluate and assess the quality of student assignment substantially and technically
2. Assessment scoring:
   a. Assignment score: 80%
   b. Examination score: 20%