Spring 2019

CE 711-852: Improvement in Productivity in Construction

Alan Slaughter

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New Jersey Institute of Technology
Syllabus – CE 711
Section: 852
Improvement in Productivity in Construction
Spring 2019

Professor Alan Slaughter, P.E., P.P.
Contact: slaughte@njit.edu
Course Administration and Email: moodle.njit.edu

Text: “Productivity Improvement for Construction and Engineering”
Author: J.K. Yates, Ph.D.; Publisher: ASCE Press

Perquisite: CE 610 Construction Management

Course Description: Improved methods in construction; various
techniques of work sampling and productivity measurement; and
current innovations in the construction industry for increasing
efficiency.

Course Outline

<table>
<thead>
<tr>
<th>Week/Date</th>
<th>Topic</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/ Jan. 22</td>
<td>Introduction to Productivity</td>
<td>1</td>
</tr>
</tbody>
</table>
A list of suggested topics will be provided. Students must select a project either from a list provided or some other source. On Week 4 or before, students will submit a one paragraph topic description on Moodle.

The project report will be 10 pages, including text, photos, drawings and the like. The report will be prepared in an organized and professional manner. *(Neatness counts)*
Important Notes:

1. The NJIT Honor Code will be upheld in this course. Any violations will be brought to the immediate attention of the Dean of Students.

2. Any modifications or deviations to the syllabus throughout the semester will be made through consultation and agreement with the class.

Grades

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>15%</td>
</tr>
<tr>
<td>Midterm</td>
<td>25%</td>
</tr>
<tr>
<td>Term Paper</td>
<td>30%</td>
</tr>
<tr>
<td>Final</td>
<td>30%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Home works are due the Monday following the week it was assigned. I reserve the right to reduce a grade if the assignment is late.

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