

Course Information	
Course title	Construction Management
Semester	114-2
Designated for	DEPARTMENT OF CIVIL ENGINEERING
Instructor	<a href="#">JACOB JE-CHIAN LIN</a>
Curriculum Number	CIE3030
Curriculum Identity Number	501E37800
Class	01
Credits	3.0
Full/Half Yr.	Half
Required/ Elective	Required
Time	Wednesday 2,3,4(9:10~12:10)
Remarks	Restriction: within this department (including students taking minor and dual degree program) AND Restriction: juniors The upper limit of the number of students: 20.
Course introduction video	
Table of Core Capabilities and Curriculum Planning	<a href="#">Table of Core Capabilities and Curriculum Planning</a>
Course Syllabus	
<b>Please respect the intellectual property rights of others and do not copy any of the course information without permission</b>	
Course Description	The course is designed to allow students to develop an understanding of the construction “Project lifecycle” process from the initial conception phase of a project through the completion of construction. Emphasis is placed upon the construction and management aspects of the lifecycle.
Course Objective	Upon completion of the course, students will be able to: 1. Enumerate the total lifecycle project process from the early conceptual phase through final project review.

	<p>2. Trace the steps needed to prepare the documentation used to call for bids and enter into a construction contract.</p> <p>3. Determine the productivity of relatively simple cyclical field operations and understand the techniques that are used to analyze and improve them.</p> <p>4. Prepare a construction cost estimate for a relatively simple operation and understand how this estimate is carried forward into the bidding and cost control processes.</p> <p>Construct a simple project schedule using appropriate methodologies and understand how this is used as a basis for short term planning and control.</p>	
Course Requirement		
Student Workload (Expected weekly study hours before and/or after class)		
Office Hours		
Designated reading		
References	<ul style="list-style-type: none"> <li>● Construction Management, by Daniel W. Halpin, Bolivar A. Senior, &amp; Gunnar Lucko published by John Wiley &amp; Sons, 5th Edition</li> <li>● Related journal papers and proceedings.</li> </ul>	
Grading	<ol style="list-style-type: none"> <li>1. NTU has not set an upper limit on the percentage of A+ grades.</li> <li>2. NTU uses a letter grade system for assessment. The grade percentage ranges and the single-subject grade conversion table in the NATIONAL TAIWAN UNIVERSITY Regulations Governing Academic Grading are for reference only. Instructors may adjust the percentage ranges according to the grade definitions. For more information, see <a href="#">the Assessment for Learning Section</a>.</li> </ol>	
<b>Progress</b>		
Week	Date	Topic
No data		