



# HANYANG UNIVERSITY

## Hanyang International Summer School

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	<b>Home University</b>	Hanyang University				
	<b>Department</b>	Civil and Environmental Engineering				
	<b>Homepage</b>					
<b>Course Information</b>	<b>Class No.</b>	18019	<b>Course Code</b>	MEE3003	<b>Credits</b>	3
	<b>Course Name</b>	Fluid Mechanics 1				
	<b>Lecture Schedule</b>	Mon-Thu /9:00~12:00 AM				
	<b>Course Description</b>	Fluid mechanics course covering the following topics. Properties of fluids; pressure and fluid statics; fluid kinematics; Bernoulli and energy equations.				
	<b>Course Objective</b>	To understand the properties of fluids, hydrostatics, and fluid kinematics.				
	<b>Prerequisite</b>	- Calculus, Physics				
	<b>Materials/Textbooks</b>	Fluid mechanics by Yunus Cengel and John Cimbala (3 <sup>rd</sup> )				
<b>Evaluation</b>	<b>Attendance</b>	20%	<b>Quiz</b>	%		
	<b>Assignment</b>	%	<b>Mid-term Exam</b>	%		
	<b>Presentation</b>	%	<b>Final Exam</b>	80%		
	<b>Group Project</b>	%	<b>Participation</b>	%		
	<b>Etc.</b>	<b>Evaluation Item</b>				<b>Ratio</b>
<b>Daily Lecture Plan</b>	<b>Week 1</b>	Day 1	Opening Ceremony			
		Day 2	Introduction to fluid and basic concepts			
		Day 3	Introduction to fluid and basic concepts			
		Day 4	Properties of fluids			
	<b>Week 2</b>	Day 1	Properties of fluids			
		Day 2	Pressure and fluid statics			
		Day 3	Pressure and fluid statics			
		Day 4	Pressure and fluid statics			
	<b>Week</b>	Day 1	Fluid Kinematics			



	<b>3</b>	Day 2	Fluid Kinematics
		Day 3	Fluid Kinematics
		Day 4	Fluid Kinematics
	<b>Week 4</b>	Day 1	Bernoulli and Energy Equations
		Day 2	Bernoulli and Energy Equations
		Day 3	Bernoulli and Energy Equations
		Day 4	Final exam