

**APPROVED**

## EN7917: Fluid Mechanics

### Course Details

Course Code:	EN7917
Course Title:	Fluid Mechanics <b>APPROVED</b>
Short Title:	Fluids
Course Level::	Level 7
Valid From::	2016/2017 Sem 1
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	To give students knowledge of, and practical skills in, fluid mechanics; including fluid statics, fluid dynamics, flow measurement, hydraulic and pneumatic systems.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate advanced understanding of static fluid concepts.
2	Apply the Bernoulli Equation and the associated energy equations to solve advanced fluid momentum transfer problems.
3	Use specialist level skill to specify suitable pumps, fans and compressors for industrial use.
4	Demonstrate advanced knowledge and understand of the operation of hydraulic and pneumatic systems and associated equipment.
5	Propose solutions to advanced hydraulic and pneumatic applications.
Requisites	
<ul style="list-style-type: none"> <li>• Pre Requisite: EN6907 (or ENB5907)</li> <li>• Anti Requisite: ENB5109 or ENB6911</li> </ul>	

Examinations
<b>Assessment Type</b> Examination (Unseen)
No Other Controlled Assessments
Uncontrolled Assessments
<b>Assessment Type</b> Blended Learning
<b>Assessment Type</b> Practical Project

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
None			