

# Fluid Dynamics

Week	Subject	Lectures	Tutorial Questions	Additional Videos	Activities
Week 1	Introduction	Lecture 1.1 Lecture 1.2 Lecture 1.3	~	Non-Newtonian Fluid Demonstration Flyboard Conservation of Momentum	~
Week 2	Pipe Flow	Lecture 2.1 Lecture 2.2	Tutorial 1	~	Heat Transfer
Week 3	Energy Losses	Lecture 3.1 Lecture 3.1b Lecture 3.2	Tutorial 2	Reynolds' Dye Experiment Laminar and Turbulent flow Moody chart	Activity 1 Activity 2
Week 4	Pumps	Lecture 4.1 Lecture 4.2 Lecture 4.3	Tutorial 3	~	Activity 1 Activity 2
Week 5	Dimensionless Numbers	Lecture 5.1 Lecture 5.2	Tutorial 4	~	Activity 1