Course Web Info:  
http://moodle.uvic.ca is the primary course management & information site.  
http://www.engr.uvic.ca/~rustomb/teaching/index.html has this page only.

Instructor:  Rustom Bhiladvala  rustomb@uvic.ca
Office Location:  EOW 521
Local Phone:  721-8616
Office Hours:  TBA

Lecture Times:  Mondays & Thursdays 11:30-12:50
Lecture Location:  ECS 125
Single Make-up Lec:  7-9 pm Thu Feb 6th (Location TBA)

Tutorial Time:  Tuesdays 12:30-1:20
Tutorial Location:  ECS 125 / Addtl hrs in ELL 167, TBA
Lab Times:  Section B01  Mondays  13:30-16:30  
B02  Wednesdays  13:30-16:30  
B03  Wednesdays  16:30-19:30

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<tr>
<th>Last Name</th>
<th>First Name</th>
<th>email</th>
<th>Bldg/Rm</th>
<th>Local Phone</th>
</tr>
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<tbody>
<tr>
<td>McWilliam</td>
<td>Michael</td>
<td><a href="mailto:mmcwilli@uvic.ca">mmcwilli@uvic.ca</a></td>
<td>EOW 229</td>
<td>721-8987</td>
</tr>
<tr>
<td>Yeylaghi</td>
<td>Shahab</td>
<td><a href="mailto:shahaby@uvic.ca">shahaby@uvic.ca</a></td>
<td>EOW 333</td>
<td>853-3177</td>
</tr>
<tr>
<td>Moghimian</td>
<td>Nima</td>
<td><a href="mailto:nima@uvic.ca">nima@uvic.ca</a></td>
<td>EOW 239</td>
<td>721-8867</td>
</tr>
<tr>
<td>Mohammadzadeh</td>
<td>Alireza</td>
<td><a href="mailto:alirezam@uvic.ca">alirezam@uvic.ca</a></td>
<td>ELW A102</td>
<td>721-6532</td>
</tr>
<tr>
<td>Khorsand</td>
<td>Iman</td>
<td><a href="mailto:khorsand@uvic.ca">khorsand@uvic.ca</a></td>
<td>ELW A242</td>
<td>853-3200</td>
</tr>
<tr>
<td>Govindappa</td>
<td>Prem</td>
<td><a href="mailto:premg@uvic.ca">premg@uvic.ca</a></td>
<td>ELW B126</td>
<td>721-7295</td>
</tr>
<tr>
<td>Behboodi</td>
<td>Sahand</td>
<td><a href="mailto:behboodi@uvic.ca">behboodi@uvic.ca</a></td>
<td>EOW 231</td>
<td>721-8938</td>
</tr>
<tr>
<td>Mishra</td>
<td>Virag</td>
<td><a href="mailto:virag@uvic.ca">virag@uvic.ca</a></td>
<td>ELW B264</td>
<td>472-4202</td>
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Textbook: YA Cengel, JM Cimbala, Fluid Mechanics, 3rd or 2nd Ed, McGraw Hill.
Prerequisite: Math 200, Calculus of Several Variables

Course Description:

Laboratories

There are four laboratory exercises for this course. Lab information will be posted on the moodle course site. Laboratory report requirements, background and a lab schedule will be available in the second week of term. During the lab period, students will work in groups of five (lab sections coordinated with other core courses, Theory of Mechanisms MECH 335, Mechanics of Solids MECH 320 and Energy Conversion MECH390).

Experiment #1 – Linear Momentum Experiment
(Jet Deflection Apparatus, Hydraulics Bench)

Experiment #2 – The Energy Equation in a Venturi-Type Flow
(Venturi Apparatus, Hydraulics Bench)

Experiment #3 – Friction in Laminar and Turbulent Pipe Flow
(Oil Pipe Flow Apparatus & Air Pipe flow Apparatus)

Experiment #4 – Lift & Drag on Airfoils
(Wind Tunnel)

Experiment #bme4 – Cerebral Blood Flow

Evaluation:

Lab Work & Reports: (15%) Attendance, participation and report completion for all five laboratories are required to pass the course.

HW & HW Quizzes: (19%) Weekly HW, including in-class HW Quizzes (4% max).

Class Participation: (1%) PreReq Quiz, Moodle-profile.

Two Minor Exams: I. (15%) Mon Feb 3rd, in-class. II. (10%) Thu, Apr 3rd, in-class.

Major Exam: (40%) 5-8 pm Fri Mar 14th.
You must pass this near-comprehensive exam to pass the course.

Note: No post-classes Final Exam. Exam order is Minor I, Major, Minor II.