**Fluid Mechanics Course Offerings**

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| Course | Department | Offering (If known) | Instructor |
| Intermediate Fluid Mechanics | AME 60635 |  |  |
| Advanced Fluid Mechanics | CE/GEOS | Fall 2010 | Fernando |
| Viscous Flow Theory | AME 90931 |  |  |
| Flow Control | AME 90932 |  |  |
| Advanced Aerodynamics | AME 60639 |  |  |
| Experimental Methods in Fluid Mechanics | AME 60631 |  |  |
| Introduction to Acoustics and Noise | AME 60633 |  |  |
| Unsteady Aerodynamics and Aeroacoustics | AME 90934 |  |  |
| Intermediate Heat Transfer | AME 60634 |  |  |
| Combustion | AME 60636 |  |  |
| Numerical Analysis I | MATH 60690 | Fall | Sommese |
| Numerical Analysis II | MATH 60790 | Spring | Sommese |
| Introduction to Parallel Algorithms and Programming | CSE 60833 | Fall | Emrich |
| Stochastic System Analysis | CE 60140 | Spring | Taflanidis |
| Fundamentals of Turbulence | CE 60430 | Spring 2011 | Fernando |
| Finite Elements in Engineering | GEOS | Spring 2011 | Westerink |
| Turbulence | AME 90935 |  |  |
| Environmental Fluid Dynamics | CE/GEOS | Fall 2011 | Fernando |
| Groundwater Hydrology | CE40460 |  | Silliman |
| Ocean Waves 1 | CE60255 |  | Kennedy |
| Hydrodynamic Stability | AME 90937 | Fall Yearly/UG-Grad |  |
| Waves and Instabilities in Geophysics | CE/GEOS | Spring 2012 | Fernando |
| Coastal Oceanography/Geophysical Fluid Dynamics | CE/GEOS | Fall 2010 | Piacsek |
| Computational Fluid Dynamics I | AME 90936 | Spring 2011 | Paolucci |
| Mathematical Methods (ODEs etc) | AME 60611 |  |  |
| Mathematical Methods II (PDE's, etc.) | AME 60612 |  |  |
| Numerical Methods (ODEs, PDEs, et al.) | AME 60614 |  |  |
| Continuum Mechanics | AME 60624 |  |  |
| Numerical PDE Techniques for Scientists and Engineers | PHYS 50051/ACMS 50051 | Fall 2010 | Dinsaw Balsara |

PS   A class lookup system where you can search for each class:

<https://was.nd.edu/reg/srch/ClassSearchServlet>