Theoretical and Applied Mechanics

TAM 335  **Introductory Fluid Mechanics**  credit: 4 hours.
Fluid statics; continuity, momentum, and energy principles via control volumes; ideal and real fluid flow; introduction to the Navier-Stokes equation; similitude; laminar and turbulent boundary layers; closed-conduit flow, open-channel flow, and turbomachinery. Prerequisite: TAM 212.

Labs will not meet until the first full week of class. Students must register for one lab and one lecture section.

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