

# ENGR 4310 : Computational Fluid Dynamics

Computational modeling and analysis of fluid flows using finitedifference and finite-volume methods for solving fluid flow model partial differential equations. Additionally covers concepts of stability, consistency, convergence, and solution of large-scale systems of linear equations.

**Credits** 3

**Course ID**

008951

**Requisites**

[ENGR 4310](#) Prerequisite: [ENGR 3348](#)

**Semester Offered**

Fall semester, odd years