Nebraska Wesleyan University

PHYS 262 Fluid Dynamics

Catalog

2012-2013

Course Description

A theoretical treatment of nonrelativistic continuum fluid dynamics that emphasizes incompressible viscous flow phenomena, particularly those from within the field of geophysics.

Prerequisite(s): PHYS 101 Principles of Physics I or PHYS 111 General Physics I, MATH 106 Calculus II, and computer programming skills or permission of the instructor.

Corequisite(s): MATH 204 Calculus III or MATH 224 Differential Equations or permission of the instructor.

Course Hours

3 hours

Departments

1. Physics