

AME 533 Multiphase Flows, Spring 2019

OHE132 (TTh 2-3:20)

Instructor: Charles S. Campbell
Office: OHE 400E Tel: (213)740-0498
campbell@usc.edu
Office hours: Available after class on request.
Feel free to email anytime.

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Bubble growth and collapse, cavitation

Multiphase Flow Patterns

Interphasial Forces

Multiphase Flow Modeling

Homogeneous Flows

Separated Flows

Drift Flux Models

Kinematic Waves

Traffic Flow

Soil Liquefaction

Fluidization and Fluidized Beds

Granular Flows

Grading

Project: (See below) 60%
Attendance: 40%

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AME 533 Multiphase Flows, Spring 2019

OHE132 (TTh 2-3:20)

Instructor: Charles S. Campbell
Office: OHE 400E Tel: (213)740-0498
campbell@usc.edu
Office hours: Available after class on request.
Feel free to email anytime.

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Bubble growth and collapse, cavitation

Multiphase Flow Patterns

Interphasial Forces

Multiphase Flow Modeling

Homogeneous Flows

Separated Flows

Drift Flux Models

Kinematic Waves

Traffic Flow

Soil Liquefaction

Fluidization and Fluidized Beds

Granular Flows

Grading

Project: (See below) 60%
Attendance: 40%

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