

CE 272: ADVANCED ENGINEERING HYDRAULICS

In Workflow

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Approval Path

1. Thu, 17 Sep 2020 21:41:35 GMT
Julie Fogarty (fogarty): Approved for CE Committee Chair
2. Fri, 18 Sep 2020 15:27:24 GMT
Benjamin Fell (fellb): Approved for CE Chair
3. Fri, 16 Oct 2020 17:56:29 GMT
Gareth Figgess (figgess): Approved for ECS College Committee Chair
4. Fri, 16 Oct 2020 18:50:10 GMT
Kevan Shafizadeh (kevan): Approved for ECS Dean

Course Deactivation Proposal

Date Submitted: Thu, 17 Sep 2020 21:38:42 GMT

Viewing: CE 272 : Advanced Engineering Hydraulics

Last edit: Thu, 17 Sep 2020 21:38:41 GMT

Changes proposed by: Julie Fogarty (218645519)

Catalog Title:

Advanced Engineering Hydraulics

Class Schedule Title:

Adv Engineer Hydraulics

Academic Group: (College)

ECS - Engineering & Computer Science

Academic Organization: (Department)

Civil Engineering

Catalog Year Effective:

Spring 2021 (2021/2022 Catalog)

Subject Area: (prefix)

CE - Civil Engineering

Catalog Number: (course number)

272

Course ID: (For administrative use only.)

107731

Units:

3

In what term(s) will this course typically be offered?

Spring term only - even years

Does this course require a room for its final exam?

Yes, final exam requires a room

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

Steady uniform and non-uniform open channel flows including gradually, rapid and spatially varied flows; analysis of supercritical flow in transition; basic principles of unsteady flows; long wave theory; Saint-Venant Equations and their solutions including method of characteristics, explicit and implicit finite difference numerical methods.

Fee Course?

No

Is this course designated as Service Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Does this course have prerequisites?

Yes

Prerequisite:

CE 137 or equivalent.

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Seminar

Seminar Classification

CS#05 - Seminar (K-factor=1 WTU per unit)

Seminar Units

3

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Is this a Graduate Writing Intensive (GWI) course?

No

Key: 587