

# CE 274: HYDROLOGIC MODELING

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## In Workflow

1. CE Committee Chair (fogarty@csus.edu)
2. CE Chair (fellb@csus.edu)
3. ECS College Committee Chair (figgess@csus.edu)
4. ECS Dean (kevan@csus.edu)
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8. Dean of Graduate (cnewsome@skymail.csus.edu)
9. Catalog Editor (torsetj@csus.edu)
10. Registrar's Office (w lindsey@csus.edu)
11. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Thu, 17 Sep 2020 21:41:39 GMT  
Julie Fogarty (fogarty): Approved for CE Committee Chair
2. Fri, 18 Sep 2020 15:27:28 GMT  
Benjamin Fell (fellb): Approved for CE Chair
3. Fri, 16 Oct 2020 17:56:35 GMT  
Gareth Figgess (figgess): Approved for ECS College Committee Chair
4. Fri, 16 Oct 2020 18:50:17 GMT  
Kevan Shafizadeh (kevan): Approved for ECS Dean

## Course Deactivation Proposal

Date Submitted: Thu, 17 Sep 2020 21:39:34 GMT

### Viewing: CE 274 : Hydrologic Modeling

Last edit: Thu, 17 Sep 2020 21:39:33 GMT

Changes proposed by: Julie Fogarty (218645519)

#### Catalog Title:

Hydrologic Modeling

#### Class Schedule Title:

Hydrologic Modeling

#### 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)

274

#### Course ID: (For administrative use only.)

107751

#### Units:

3

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

Spring term only - odd 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.)**

Theories and structure of hydraulic model components; application of HEC-RAS (River Analysis System) and HEC-HMS (Hydrologic Modeling System) computer programs; emphasis on flood routing methods; dam safety analysis methodology including dam break and dam overtopping cases; application of microcomputers in hydraulics computations.

**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 272 or equivalent; instructor permission.

**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: 588