Course Change Request

A deleted record may not be edited and the course number may not be re-used until 5 years have passed since the course's inactivation.

Course Deactivation Proposal

Date Submitted: 12/31/22 12:12 pm

Viewing: **CSI 722 : Computational Fluid Dynamics II**

Last edit: 12/31/22 12:12 pm

Changes proposed by: blaisten

Catalog Pages referencing this course

Computational Science and Informatics (CSI)

Department of Computational and Data Sciences

Justification for deactivation

Course has not been taught in many years. It is already in the "zombie courses" list.

Are you completing this form on someone else's behalf?

Effective Term: Summer 2023

Subject Code: CSI - Computational Science & Informatics **Course Number:** 722

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Computational Fluid Dynamics II

Banner Title: Computatnl Fluid Dyn II

Will section titles vary by semester? No

In Workflow

1. **CDS Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Graduate
5. Registrar-Courses
6. Banner

Approval Path

1. 12/31/22 3:29 pm Jason Kinser (jkinser): Approved for CDS Chair

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May only be taken once for credit (NR)
GRADUATE ONLY

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):
CSI 721 or permission of instructor.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog Description:

Covers more advanced topics in computational fluid dynamics, including high-resolution schemes for hyperbolic PDEs, advanced Euler solvers, Navier-Stokes solvers, grid generation, adaptive mesh refinement, efficient use of supercomputing hardware, and future trends. Projects include topics in grid generation and adaptive refinement. Students expected to write their own codes.

Justification:

Does this course cover material which crosses into another department? No

Learning Outcomes:

Attach Syllabus

Additional Attachments

Additional Comments:

Reviewer Comments

Key: 3322