COURSE CHANGE REQUEST
Graduate Programs

FLORIDA ATLANTIC UNIVERSITY

UGPC Approval _____
UFS Approval _____
SCNS Submittal _____
Confirmed _____
Banner _____
Catalog _____

Department

College Engineering and Computer Science

Current Course Prefix and Number CAP 6619	*Current* Course Title Deep Learning

*Syllabus must be attached for **ANY** changes to current course details. See Template. Please consult and list departments that may be affected by the changes; attach documentation.*

Change title to:

Change prefix

    From: **To:**

Change course number

    From: **To:**

Change credits*

    From: **To:**

Change grading

    From: **To:**

Academic Service Learning (ASL) *

    Add ☐   **Remove** ☐

* See Definition of a Credit Hour.
** Academic Service Learning statement must be indicated in syllabus and approval attached to this form.

Change description to:

Change prerequisites/minimum grades to:

Change corequisites to:

Change registration controls to:

Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade.

Effective Term/Year for Changes: Summer 2025	**Terminate course? Effective Term/Year for Termination:**

Faculty Contact/Email/Phone Zhen Ni / zhenni@fau.edu / 561-297-0035

Approved by		*Date*
Department Chair	*HaiKдva*	1/15/2025
College Curriculum Chair	*Francisco Presuel–Moreno*	1/21/2025
College Dean	*Raquel Assis*	2/18/2025
UGPC Chair	*ARTHUR SEMENTELLI (Feb 21, 2025 18:01 EST)*	02/21/2025
UGC Chair	*ARTHUR SEMENTELLI (Feb 21, 2025 18:01 EST)*	02/21/2025
Graduate College Dean	*Robert W Stimy*	02/22/2025
UFS President		
Provost		

Email this form and syllabus to UGPC@fau.edu 10 days before the UGPC meeting.

Deep Learning (CAP 6619) 3 credits

Prerequisite: CAP 5625

This courses teaches students basic concepts of deep learning with applications in computer science, engineering, business and other areas. The class covers major topics including math preliminaries, machine learning basics, deep forward networks, convolution networks, autoencoders, representation learning networks and their implementations and applications.

ENG #4

Final Audit Report   2025-02-22

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