


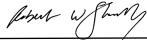
 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>COURSE CHANGE REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner _____ Catalog _____
	<b>Department</b>  <b>College</b> Engineering and Computer Science		
<b>Current Course Prefix and Number</b> CAP 6629		<b>Current Course Title</b> Reinforcement Learning	
Syllabus must be attached for <b>ANY</b> changes to current course details. See <a href="#">Template</a> . Please consult and list departments that may be affected by the changes; attach documentation.			
<b>Change title to:</b>  <b>Change prefix</b> From: _____ To: _____ <b>Change course number</b> From: _____ To: _____ <b>Change credits*</b> From: _____ To: _____ <b>Change grading</b> From: _____ To: _____ <b>Academic Service Learning (ASL) **</b> Add <input type="checkbox"/> Remove <input type="checkbox"/>		<b>Change description to:</b>  <b>Change prerequisites/minimum grades to:</b>  <b>Change corequisites to:</b>  <b>Change registration controls to:</b>	
* See <a href="#">Definition of a Credit Hour</a> . ** Academic Service Learning statement must be indicated in syllabus and approval attached to this form.		Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade.	
<b>Effective Term/Year for Changes:</b> Summer 2025		<b>Terminate course? Effective Term/Year for Termination:</b>	
<b>Faculty Contact/Email/Phone</b> Zhen Ni / zhenni@fau.edu / 561-297-0035			
<b>Approved by</b> Department Chair  College Curriculum Chair <u>Francisco Presuel-Moreno</u> College Dean <u>Raquel Assis</u> UGPC Chair  UGC Chair  Graduate College Dean  UFS President _____ Provost _____		<b>Date</b> 1/15/2025 1/15/2025 2/18/2025 02/21/2025 02/21/2025 02/22/2025 _____ _____	

Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

### **Reinforcement Learning (CAP 6629) 3 credits**

*Prerequisite: CAP 5625*

Students in this course study theoretical properties and practical applications of reinforcement learning. Course topics include Markov decision process, dynamic programming, temporal-difference learning, planning and learning with tabular methods, and deep reinforcement learning.










# ENG #3

Final Audit Report

2025-02-22

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