NEW/CHANGE PROGRAM REQUEST
Graduate Programs

FLORIDA ATLANTIC UNIVERSITY

Department Electrical Engineering and CS

College Engineering and CS

UGPC Approval _____
UFS Approval _____
Banner _____
Catalog _____

Program Name		Effective Date
Artificial Intelligence Graduate Certificate	☐ **New Program***	*(TERM & YEAR)*
Professional Artificial Intelligence Graduate Certificate	✓ **Change Program***	Spring 2023

Please explain the requested change(s) and offer rationale below or on an attachment.

This proposal adds more course options for the students.

*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.

Faculty Contact/Email/Phone	Consult and list departments that may be affected by the change(s) and attach documentation
Hanqi Zhuang, zhuang@fau.edu, 561.297.3413	NA

Approved by

		Date
Department Chair		9/27/2023
College Curriculum Chair	Francisco Presuel-Moreno *Digitally signed by Francisco Presuel-Moreno DN: cn=Francisco Presuel-Moreno, o, ou, email=fpresuel@fau.edu, c=US Date: 2022.10.03 15:03:45 -04'00'*	10/03/2022
College Dean	*MCardei Digitally signed by Mihaela Cardei DN: cn=Mihaela Cardei, o=Florida Atlantic University, ou, email=mcardei@fau.edu, c=US Date: 2022.10.03 20:49:16 -04'00'*	10/03/2022
UGPC Chair		
UGC Chair		
Graduate College Dean		
UFS President		
Provost		

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

Artificial Intelligence Graduate Certificate

Development Track (12 credits)		
Required courses (6 credits) *Select two courses from the following three courses.*		
Artificial Intelligence	CAP 6635	3
Computational Foundations of Artificial Intelligence	CAP 5625	3
Data Mining and Machine Learning	CAP 6673	3
Elective courses (6 credits). Select two courses from the Elective Table		
Applications Track (12 credits). *(Not open to graduate students in the Department of Electrical Engineering and Computer Science, except for students in the M.S. with Major in Information Technology and Management (MSITM))*		
Required courses (6 credits) *Select two courses from the following three courses.*		
Computational Foundations of Artificial Intelligence	CAP 5625	3
Applied Machine Learning	CAP 6610	3
Data Mining and Machine Learning	CAP 6673	3
Elective courses (6 credits). Select two courses from the Elective Table		

Professional Artificial Intelligence Graduate Certificate
The Professional Artificial Intelligence certificate is designed for working professionals to advance their careers with an accelerated graduate program. This is a stand-alone certificate tailored for working professionals and alumni with graduate degrees who are looking for specialized knowledge in Artificial Intelligence. The course offering format includes evenings, weekends and online material. The 12-credit certificate has two tracks: a Development track and an Applications track. Admission details and details for the two tracks are shown above. To apply or for more information, visit the Electrical Engineering and Computer Science website or call 561-297-3855.