

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs		UUPC Approval <u>10/9/18</u> UFS Approval _____ Banner Posted _____ Catalog _____
	Department CEECS College Engineering and Computer Science		
Program Name Bachelor of Science in Computer Engineering	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date <small>(TERM & YEAR)</small> Fall 2019	
<p>Please explain the requested change(s) and offer rationale below or on an attachment</p> <p>Changes: add CAP 4613 Introduction to Deep Learning as a technical elective course to the BS in Computer Engineering program.</p> <p>Rationale: all students must take 15 technical elective credits. The Introduction to Deep Learning course prepares students with essential skills in big data analysis that are very much valued by the high-tech industry. Machine learning has become a major economic engine for companies like Google and Amazon and has also driven discovery in science domains spanning from healthcare, pharmaceuticals, to physics.</p>			
Faculty Contact/Email/Phone Xingquan Zhu, xzhu3@fau.edu, 297-3452		Consult and list departments that may be affected by the change(s) and attach documentation CEECS	
Approved by Department Chair <u><i>Ningxin</i></u> College Curriculum Chair <u><i>[Signature]</i></u> College Dean <u><i>[Signature]</i></u> UUPC Chair <u><i>[Signature]</i></u> Undergraduate Studies Dean <u><i>[Signature]</i></u> UFS President _____ Provost _____		Date 9/27/2018 10/1/2018 10/1/18 10/8/18 10/9/18	

Email this form and attachments to mjenning@fau.edu one week before the UUPC meeting so that materials may be viewed on the UUPC website prior to the meeting.