

 FLORIDA ATLANTIC UNIVERSITY	NEW COURSE PROPOSAL Undergraduate Programs		UUPC Approval <u>2/25/19</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Computer and Electrical Eng. and Comp. Science College Engineering and Computer Science (To obtain a course number, contact erudolph@fau.edu)		
Prefix CAP Number 4773	(L = Lab Course; C = Combined Lecture/Lab; add if appropriate) Lab Code	Type of Course Lecture	Course Title Introduction to Data Science and Analytics
Credits (Review Provost Memorandum) 3	Grading (Select One Option) Regular <input checked="" type="radio"/> Pass/Fail <input type="radio"/> Sat/UnSat <input type="radio"/>	Course Description (Syllabus must be attached; Syllabus Checklist recommended; see Guidelines) This course deals with the principles of data science and analytics. Topics covered include statistical analysis of data, measurement techniques and tools, machine learning methods, knowledge discovery and representation, classification and prediction models.	
Effective Date (TERM & YEAR) Fall 2019	Prerequisites, with minimum grade* COP 3530 and STA 4821 with minim grade of C; or permission of the instructor.		Corequisites Registration Controls (Major, College, Level)
*Default minimum passing grade is D-. Prereqs., Coreqs. & Reg. Controls are enforced for all sections of course			
WAC/Gordon Rule Course <input type="radio"/> Yes <input checked="" type="radio"/> No WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See WAC Guidelines .		Intellectual Foundations Program (General Education) Requirement (Select One Option) None General Education criteria must be indicated in the syllabus and approval attached to the proposal. See GE Guidelines .	
Minimum qualifications to teach course Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field).			
Faculty Contact/Email/Phone Taghi Khoshgoftaar/khoshgof@fau.edu/ (561) 297 - 3994		List/Attach comments from departments affected by new course College of Science/Mathematical Sciences	
Approved by Department Chair <u>Nurgun Erdol</u> College Curriculum Chair <u>[Signature]</u> College Dean <u>[Signature]</u> UUPC Chair <u>[Signature]</u> Undergraduate Studies Dean <u>[Signature]</u> UFS President _____ Provost _____		Date <u>2/21/2019</u> <u>2/22/19</u> <u>2/25/19</u> <u>2/26/19</u>	

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.