NEW COURSE PROPOSAL
Undergraduate Programs

FLORIDA ATLANTIC UNIVERSITY

Department CEECS

College Engineering & CS

(To obtain a course number, contact erudolph@fau.edu)

Prefix **CDA**	*(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)*	**Type of Course**	**Course Title**
Number ~~4312~~ **4321**	**Lab Code**	Lecture	CDA ~~4312~~ **4321** Introduction to Cryptographic Engineering

Credits *(Review Provost Memorandum)* **3**	**Grading** *(Select One Option)*	**Course Description** *(Syllabus must be attached; Syllabus Checklist recommended; see Guidelines)*
Effective Date *(TERM & YEAR)* **Fall 2020**	Regular ⦿ Pass/Fail ◯ Sat/UnSat ◯	The course is devoted to the state-of-the-art in cryptographic hardware/software and embedded systems. The students will learn about computational algorithms and architectures of the cryptographic devices. The students will re/learn programming of cryptographic primitives on ASM and C on PC or embedded devices.

Prerequisites, with minimum grade*	**Corequisites**	**Registration Controls** *(Major, College, Level)*
COP2220		

****Default minimum passing grade is D-.** Prereqs., Coreqs. & Reg. Controls are enforced for all sections of course*

WAC/Gordon Rule Course	**Intellectual Foundations Program (General Education) Requirement** *(Select One Option)*
◯ Yes ⦿ No	None
WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See WAC Guidelines.	General Education criteria must be indicated in the syllabus and approval attached to the proposal. See GE Guidelines.

Minimum qualifications to teach course
PhD in Eng or CS

Faculty Contact/Email/Phone	**List/Attach comments from departments affected by new course**
Reza Azarderakhsh/razarderakhsh@fau.edu	

Approved by	**Date**
Department Chair Hanqi Zhuang	11/6/2019
College Curriculum Chair	
College Dean	11-18-19
UUPC Chair	11/18/19 12/2/19
Undergraduate Studies Dean	12/6/19
UFS President	
Provost	

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