

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs		UUPC Approval <u>2/26/18</u> UFS Approval _____ Banner Posted _____ Catalog _____
	Department CEGE College COE&CS		
Program Name BSET (Engineering Technology) formerly BSGE (Geomatics Engineering)	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date (TERM & YEAR) <u>Fall 2018</u>	
Please explain the requested change(s) and offer rationale below or on an attachment The existing BSGE program (CIP code 14.3801) will change to BSET (CIP Code 15.9999). This change will allow the student pipeline to increase while still addressing the need to produce graduates eligible to perform as engineering and surveying technicians (a national need). The changes will include the following: <ol style="list-style-type: none"> 1. The basic math and science requirements change to 21 credits 2. The number of technical electives increases from 6 to 18 credits, which allows students to participate in the honors in the major program without requiring additional credits to graduate 3. Students have a choice to select 3 of 5 core course groupings in construction engineering technology, environmental engineering technology, surveying engineering technology, computing technology, and engineering mechanics technology 4. Students selecting the appropriate courses will be eligible to receive the Surveying and Mapping certificate 5. Students selecting certain geographic information systems technical electives will be eligible to receive the GIS certificate 6. Students selecting the computing technology core (with two additional 3-credit upper division programming electives) will be eligible to receive a computer science minor 7. Students selecting the appropriate courses will be eligible to receive a minor in entrepreneurship Other changes include new ABET student outcomes for engineering technology programs, minor course modifications to allow students to sit for the Fundamentals of Surveying licensing exam (based on new Florida Statutes for Licensure published in 2017), changes to the surveying and mapping certificate, & pre-professional requirements.			
Faculty Contact/Email/Phone Yan Yong/yongy@fau.edu/7-3445		Consult and list departments that may be affected by the change(s) and attach documentation Geoscience, CEECS, OME	
Approved by		Date	
Department Chair <u>[Signature]</u>		<u>02/15/2018</u>	
College Curriculum Chair <u>[Signature]</u>		<u>2/23/2018</u>	
College Dean <u>[Signature]</u>		<u>2/23/2018</u>	
UUPC Chair <u>[Signature]</u>		<u>2/24/18</u>	
Undergraduate Studies Dean <u>[Signature]</u>		<u>3/5/18</u>	
UFS President _____		_____	
Provost _____		_____	

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