

# FACULTY REQUEST

For FISCAL YEAR 2017-2018

BCP #	DEPT. PRIORITY NO.	DEPARTMENT: Engineering & Industrial Technology
<b>PLEASE CHECK THE BOX REPRESENTING THIS CATEGORY OF FACULTY REQUEST</b>		
<b>FACULTY POSITION REQUEST</b> <input type="checkbox"/> New position <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Full-time Temporary <input type="checkbox"/> Conversion (grant to GU001)	<b>POSITION DEFINITIONS:</b> <b>NEW:</b> Position is not in the 17-18 budget <b>REPLACEMENT:</b> Position is in the 17-18 budget, currently vacant or will be vacant in 18-19.	<b>BUDGET AUGMENTATION</b> <input type="checkbox"/> Ongoing <input type="checkbox"/> One-time funding <input type="checkbox"/> Other – explain (e.g. matching)

**TITLE OF INSTRUCTOR POSITION: Instructor (Engineering)**

PLEASE PROVIDE A SUMMARY AND RATIONALE OF FACULTY POSITION REQUEST (You may copy and paste from your COMPREHENSIVE OR ANNUAL PROGRAM REVIEW.)

**Provide data that substantiates the proposed positions. Refer to the guidelines listed in the Budget Decision Criteria and College Strategic Goals documents.**

The Engineering and Industrial Technology Department is requesting a replacement full-time, tenure track faculty position in Engineering to support the continued growth in the program, a 3% increase in FTES and a 12% increase in unduplicated head count from 2015-16 to 2016-17. Engineering is a highly successful program with overall 90% retention and 79% success rates.

This growth was possible because of two full-time engineering instructors at the main campus. We are losing the second instructor because of his unsponsored visa – something no one was aware of at the time of hire.

In addition, the number of students with Engineering as a declared major has undergone a rapid increase of 72% in the last five years. In the last two years alone, the numbers of declared majors has increased 42%. This rapid growth is likely to lead to increased enrollment in the near future (already seen in the *Introduction to Engineering* course, ENGR B47, which hit a five-year high in enrollment last year). As students progress through the Math and Physics prerequisites over the coming year, 2017-18 enrollment in the program could reasonably be expected to increase by a significant amount.

Currently, there is only one full-time faculty member fully dedicated to the engineering program, with faculty in the Physics and Electronics programs (who meet engineering minimum qualifications) teaching some courses.

**ESTIMATE THE COSTS ASSOCIATED WITH THIS FACULTY REQUEST**

**TOTAL SALARIES AND WAGES (include benefits)**

**SUPPLIES or OPERATING EXPENSES**

**EQUIPMENT EXPENSES**

**Total** **\$**

SOURCE OF FUNDS	ORG Number		ORG
<input type="checkbox"/> GENERAL FUND		<input type="checkbox"/> Categorical FUNDS	
<input type="checkbox"/> SPECIAL FUNDS		<input type="checkbox"/> OTHER FUNDS	

PREPARED BY	DATE	REVIEWED BY	DATE
	DATE		DATE

IF PROPOSAL AFFECTS ANOTHER DEPARTMENT, DOES OTHER DEPARTMENT CONCUR WITH PROPOSAL? Name the department \_\_\_\_\_

YES       NO      ATTACH COMMENTS OF AFFECTED DEPARTMENT, SIGNED AND DATED BY THE DEPARTMENT DIRECTOR OR DESIGNEE.