

Name: _____ SID #: _____

CERTIFICATE MAJOR: ENGINEERING FUNDAMENTALS
(Certificate of Achievement)

CERTIFICATE REQUIREMENTS	Units	Other Colleges	Fa/Sp/Su and Year	Grade Earned
REQUIRED CORE:	15			
ENGR 1A Intro. to Engineering (3)				
MATH 20A Calc. w/Analytic Geom. I (4)				
MATH 20B Calc. w/Analytic Geom. II (4)				
PHYS 3A Science & Engr. Physics I (4)				
Select two courses from the following:	3-9			
CHEM 1A General Chemistry I (5)				
CSIS 10A Pgm Methods I: Java (4)				
CSIS 10C Pgm Methods 1.5: C and C++ (4)				
ENGR 1B Design and Prototyping (2)				
ENGR 2 Engineering Design Graphics (3)				
ENGR 17 Pgm & Prob.-Solving in MATLAB (3)				
WORK 99 Career-Focused Work Exper. (1-4)				
TOTAL CERTIFICATE UNITS	18-24			

C	
At least 12 units in the major in residence	
Completion of Major (Grade of "C" or better in each course)	

Counselor Signature: _____ Date: _____