PRE-ENGINEERING

PRE-ENGINEERING - AS DEGREE PLAN

PROGRAM INFORMATION: The transfer curriculum shown below is designed to serve as the first two years of academic studies for students who plan to pursue a professional degree in engineering at a senior college or university after completing studies at Navarro College. Upon successful completion of the core curriculum and a representative sample of the math and science courses, the student will graduate from Navarro with an Associate in Science Degree. Students should consult their Advisor regarding the engineering field of study. If a student elects not to follow the recommended sequence, a counselor will help the student select courses needed to reach his or her educational goals.

FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
HIST 1301	United States History I	3
X3XX	Approved Creative Arts	3
ENGL 1301	Composition I	3
MATH 2412	Pre-Calculus Math	4
X3XX	Approved Language / Philosophy / Culture	3
Fall Total Credit Hours		16

FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ENGL 1302 OR ENGL 2311	Composition II OR Technical and Business Writing	3
HIST 1302	United States History II	3
X3XX	Approved Social/Behavioral Science	3
ENGR 1201	Introduction to Engineering	2
MATH 2413	Calculus I	4
Spring Total Credit Hours		15

SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2305	Federal Government	3
PHYS 2425	University Physics I	4
MATH 2414	Calculus II	4
X3XX	Approved Speech	3
Fall Total Credit Hours		14

SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2306	Texas Government	3
PHYS 2426	University Physics II	4
MATH 2415	Calculus III	4
X3XX	Approved Math/Science Elective	3-4
Spring Total Credit Hours		14-15

COURSE SECTION	COURSE TITLE	CREDIT HOURS
Program Total Credit Hours		60

Students who have not completed MATH 1314, or the equivalent, should do so during the summer prior to their Freshman Fall semester.
This is a sample degree plan; students should consult catalog of senior institution they plan to attend since some requirements vary. Counselors are available to assist in this matter.

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website.