

# COMPUTER INFORMATION TECHNOLOGY

## COMPUTER INFORMATION TECHNOLOGY – AS (ENGINEERING AND SCIENTIFIC EMPHASIS) DEGREE PLAN

**PROGRAM INFORMATION:** The transfer curricula for Computer Information Technology – Engineering and Scientific Emphasis shown below are designed for students who plan to pursue a degree at a senior college or university after completing their studies at Navarro College. Upon successful completion of the courses shown, the student will graduate with an Associate in Science Degree. 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
ENGL 1301	Composition I	3
HIST 1301	United States History I	3
XXXX	Approved Language / Philosophy / Culture	3
COSC 1301	Introduction to Computing	3
COSC 1436	Programming Fundamentals I	4
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
MATH 2413	Calculus I	4
COSC 1437	Programming Fundamentals II	4
Spring Total Credit Hours		14

### SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2305	Federal Government	3
MATH 2414	Calculus II	4
PHYS 2425	University Physics I	4
COSC 2436	Programming Fundamentals III	4
Fall Total Credit Hours		15

### SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2306	Texas Government	3
PHYS 2426	University Physics II	4
COSC 2325	Computer Organization	3
XXXX	Approved Elective	2
XXXX	Approved Social / Behavioral Science	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
Spring Total Credit Hours		15
Program Total Credit Hours		60

*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.*