

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.