

Associate in Science Option II (Civil Engineering Technology)

This technical degree prepares the student for an entry-level position in the civil engineering industry or as preparation for transfer to a private baccalaureate institution.

Transferability: Transfer students should plan their degrees in accordance with the requirements of the institution to which they plan to transfer. They should also be aware that colleges within universities may have admission requirements significantly higher than the 2.0 gpa required for the AS degree and that they may look at performance in specific classes in determining a student's admission.

General Education Requirements **63 Credits**

Communication Skills **8 Credits**

At least eight (8) credits, including one course from each of the two course areas.

English Composition - ENG 101, 102.....5
Speech - SPCH 101, 102.....3-5

Quantitative Skills **15 Credits**

At least fifteen (15) credits in courses at or above introductory calculus level.

Mathematics - MATH 124, 125, 126, 201, 220, 224, 238.....15

Humanities and Social Sciences **15 Credits**

At least fifteen (15) credits: a minimum of five (5) credits in humanities, a minimum of five (5) credits in social sciences, plus an additional five (5) credits in either humanities or social sciences for a total of fifteen (15) credits. Refer to the Associate in Arts Planning Guide or WWCC Catalog for approved courses.

Natural Sciences **20 Credits**

A minimum of twenty (20) credits, including a sequence of fifteen (15) credits in physics (with lab); five (5) credits in chemistry (with lab for engineering majors).

Physics - PHYS 121, 122, 123, 201, 202, 203
(Engineering highly recommends PHYS 201, 202 and 203 series)15
Chemistry - CHEM 121.....5

Computer Programming **5 Credits**

Five (5) credits in computer programming language (based on requirements of specific discipline at baccalaureate institution where student plans to attend).

Computer Science - CS 131, 140.....5

Additional Requirements **30 Credits**

Physical Education **3 Credits**

Three (3) unduplicated activity courses required. A maximum of six (6) physical education activity credits will be counted toward the AS Degree. Waived for military service and physician recommendation only.