

ASSOCIATE OF SCIENCE (AS) PHYSICAL SCIENCE/PHYSICS/PRE-ENGINEERING

Total Minimum Degree Hours 61 Hours

General Education Requirements 27 hours

*(*Check catalog course listings section for prerequisites)*

Science, math and electives are satisfied in Program Requirements

ENGL 1113 English Comp I 3 hours

ENGL 1213 English Comp II 3 hours

HIST 1483 or HIST 1493 3 hours

POLS 1113 U.S. Government 3 hours

Humanities 6 hours

Computer Literacy 3 hours

One course from either: Psychology, Sociology, Foreign Language, or Fine Arts 3 hours

Liberal Arts, Science, Communication Electives 3-7 hours

Program Requirements* 34 hours

*(*Check catalog course listings section for prerequisites)*

Mathematics 13 hours

MATH 1613 Trigonometry 3 hours

MATH 2215 Calculus I 5 hours

MATH 2235 Calculus II 5 hours

Physics 8 hours

PHYS 2014 Engineering Physics I 4 hours

PHYS 2114 Engineering Physics II 4 hours

Chemistry 10 hours

CHEM 1315 General Chemistry I 5 hours

CHEM 1515 General Chemistry II 5 hours

Drafting (Pre-Engineering only) 3 hours

DRFT 2513 Intro to CAD 3 hours

**For required courses, see Advisor and catalog of transfer institution.*