

ENGINEERING

CIVIL/CONSTRUCTION TECHNOLOGY

Associate in Applied Science

FIRST SEMESTER

- 3 s.h. English I (ENGL 151)
 - 3 s.h. Graphics for Civil Technicians I (CVET 181)
 - 3 s.h. Humanities Elective
 - 3 s.h. Construction Methods and Materials (CVET 161)
 - 3 s.h. Applied Mechanics (CVET 151)
 - 2 s.h. Intro to Engineering Technology (ELET 155)
- 17 s.h.

SECOND SEMESTER

- 3 s.h. English II (ENGL 152)
 - 3 s.h. Basic Technical Mathematics (MATH 168)*
 - 3 s.h. Graphics for Civil Technicians II (CVET 182)
 - 4 s.h. Mechanics of Materials (CVET 152)
 - 3 s.h. Microeconomics Principles (ECON 152)
- 16 s.h.

THIRD SEMESTER

- 3 s.h. Surveying I (CVET 123)
 - 4 s.h. Design of Structures (CVET 231)
 - 4 s.h. Soil Mechanics and Foundations (CVET 241)
 - 4 s.h. Physics I (PHYS 171)
 - 2-3 s.h. Applied Modern Health (HEHP 110) or
Contemporary Health (HEHP 225)
- 17-18 s.h.

FOURTH SEMESTER

- 3 s.h. Surveying II (CVET 124)
 - 4 s.h. Design of Concrete (CVET 232)
 - 4 s.h. Hydrology and Hydraulics (CVET 254)
 - 3 s.h. Land Development and Site Planning (CVET 256)
- 14 s.h.

TOTAL CREDITS 64-65

*** STUDENTS WISHING TO TRANSFER FOR A BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY (B.S.E.T.) SHOULD TAKE APPLIED CALCULUS (MATH 241) OR CALCULUS I (MATH 265) IN LIEU OF TECHNICAL MATHEMATICS AND TAKE PHYSICS II (PHYS 172) IN THE FOURTH SEMESTER**