Mechanical Engineering

0VS .FDIBOJDBM &OHJOFFSJOH #4 1SPHSBN JT B
"DDSFEJUBUJPO $PNNJTTJPO PG "#&5 IUUQ//XXX
(FOFSBM $SJUFSJB BOE 1SPHSBN $SJUFSJB GPS .FDIB
&OHJOFFSJOH 1SPHSBNT The first two years of the program concentrate primarly on math, science, general education, and general engineering. During the remaining years, students concentrate more on mechanical engineering topics. Several courses include a laboratory component. A variety of equipment is available such as vibration and noise instruments, robots and mechatronic systems, a wind tunnel, solar collectors, a complete machine shop with CNC equipment, data acquisition systems, computer aided design software, materials testing machines and analytical devices including optical and electron microscopes.

Mechanical engineering is a very broad discipline. Consequently, mechanical engineers are typically found engaged in a diverse range of activities including machine design and analysis, product development, plant design, basic and applied research, environmental control, manufacturing, robotics and technical sales. Mechanical engineers are employed by virtually every industry that uses engineers, such as public utilities, aerospace, consumer products, computers, bioengineering, food processing, automotive and materials. Some people earn a

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING - PROGRAM CURRICULUM

REQUIREMENTS: MIN. 120 UNITS WITH 32 UNITS CO-OP.