The primary objective of the Computer Technology Option program is to prepare graduates to pursue career related to manufacturing of computers, components, and systems and the application of computers in manufacturing industry. Emphasis is placed on specific job skills required of entry-level professionals in computer manufacturing including systems analysis and design, data administration, oral and written communication, and management principles. The Computer Technology Option major is available to students interested in the manufacturing of computers and the applications and operations aspects of computer hardware and software. The major is designed to meet TAC/ABET criteria for accredited programs in engineering technology. The graduates of this program will typically find employment in industry and other organizations where a combination of practical hardware and software background is important.

Requirements:

Lower Division: (9 units)
ET 250 (2), 250/L (1), 252 (2), 2521 (1), 255 (2), 255/L (1), 286 or CECS 172

ET 286/1- or
CECS 172

Upper Division: (45 units)

ET 301 (3), 301/L (1), 307 (3), 320 (2), 495 (3);

Option Requirements (30 units)
ET 386 (2), 386/L (1), 387 (2), 387/L (1), 388 (2), 388/L (1), 442 (2), 442/L (1), ET 486 (2), 486/L (1), 488 (2), 488/L (1), 489 (2), 489/L (1), 491 (2), 491/L (1), 492 (2), 492/L (1), 494 (2), 494/L (1),

Option Electives (4 units)
ET 306 (2), 311 (3), 390 (2), 390/L (1), 409 (1-3), CECS 325 (4), 448 (3), 449 (3);

Total Units for Option Requirements: 57 units
General Education: (43 units)
Lower Division Technology Core Course: (26 units)
ET 170 (2), CHEM 11 IA (5), MATH 122, PHYS 100A (4), PHYS 100B (4), ET 101 (1), 202 (2), 204 (2), 205 (1)

Upper Division Technology Core Courses: (9 units)
ET 300 (3), 309 (3), ET 410 (3);

Option Requirements: 57 units
Total Units for Major: 135 units

Effective: Fall 1993