

**ASSOCIATE IN APPLIED SCIENCE DEGREE:
COMPUTER INFORMATION SYSTEMS
Networking Technology Specialization:
Network Support and Administration Emphasis**

	Lec.	Lab	Sem. Hrs.	Clock Hours
FIRST SEMESTER				
ITSC 1301. Introduction to Computers.....	3	1	3	64
ITSC 1405. Introduction to PC Operating Systems.....	3	3	4	96
ITSE 1402. Computer Programming	3	3	4	96
ENGL 1301. Composition I.....	3	1	3	64
SECOND SEMESTER				
ITCC 1401. Exploration I-Network Fundamentals.....	3	3	4	96
ITNW 1454. Implementing and Supporting Servers.....	3	3	4	96
ENGL 1302. Composition II.....	3	0	3	48
SPCH 1315. Fundamentals of Public Speaking OR				
SPCH 1321. Business and Professional				
Communications.....	3	0	3	48
THIRD SEMESTER				
ITCC 1304. Cisco Exploration 2 – Routing				
Protocols and Concepts.....	2	4	3	96
ITSY 1300. Fundamentals of Information Security.....	2	4	3	96
ITSW 1407. Introduction to Database.....	3	3	4	96
MATH 1314. College Algebra.....	3	0	3	48
FOURTH SEMESTER				
ITSC 1358. UNIX System Administration I.....	2	4	3	96
ITNW 2313. Networking Hardware.....	2	4	3	96
Networking Elective.....	2	4	3	96
Humanities/Visual or Performing Arts Elective.....	3	0	3	48
FIFTH SEMESTER				
IMED 1301. Introduction to Digital Media.....	2	4	3	96
ITSE 1350. Systems Analysis and Design.....	2	4	3	96
Networking Elective.....	2	4	3	96
ITSC 2286. Internship - Computer and Information				
Science, General (Capstone).....	0	10	2	160
ECON 2301. Principles of Macroeconomics.....	3	0	3	48
Total Semester Hours for Associate Degree		67		

Courses in **bold type** meet General Education requirements for Del Mar College Associate in Applied Science degrees.

® Tech-Prep Bridge Courses

Students must demonstrate proficiency in basic keyboarding skills by successfully completing a CSE/AT departmental keyboarding test or by successful completion of POFT 1329. FSEM 0101 is required for any first-year student enrolled in English 0307 and is strongly recommended for any student needing a developmental course.

ITNW Networking Approved Electives: ITNW 1392, 2435, ITCC 2308, 2310, ITSY 2400, 2401.