

**INFORMATION TECHNOLOGY – NETWORKING OPTION
BACHELOR OF SCIENCE DEGREE
College of Applied Science and Technology**

Program Plan
2003-2004 Catalog

Assessment scores (ACT or COMPASS) are required of all first-time entering students without previous college work. Scores are used to determine skill readiness to be successful in college-level work. College Preparatory courses may not transfer or apply to graduation requirements. All college preparatory work should be completed within the first 30 hours.

READ	0503	0513	ENGL	0153	0163	MATH	0093	0233	1203	or equivalents
------	------	------	------	------	------	------	------	------	------	----------------

IDS1203 is required for first-time full-time students.

*** check schedule of classes for section for IT majors**

DEGREE REQUIREMENTS

	Grade	Transfer	Courses	Pre or Co Reqs
SEMESTER 1 16 hours			ITC 1111 Introduction to Information Technology	Pre required computer literacy placement score or CISM 1001
			ITA 1051 Computer –Word Processing	Pre required computer literacy placement score or CISM 1001
			ITA 1251 Computer – Spreadsheets	Pre required computer literacy placement score or CISM 1001
			ITA 1201 Computer – Database	Pre required computer literacy placement score or CISM 1001
			ITA 1101 Computer – Presentation Graphics	Pre required computer literacy placement score or CISM 1001
			ITA 1162 Internet Foundations	Pre required computer literacy placement score or CISM 1001
	*		ENGL 1203 Freshman English I IT majors	Pre placement or ENGL 0163
	*		MATH 1403 College Algebra IT majors	Pre placement or MATH 1203
		ITC 1353 Logic & Design for Information Technology	Pre required computer literacy placement score or CISM 1001 Pre or Co MATH 1403	
SEMESTER 2 17 hours	*		ENGL 1213 Freshman English II IT majors	Pre ENGL 1203
			ITC 1443 Computer Architecture & Operation	Pre ITC 1353, MATH 1403 & ENGL 1203
			ITC 1411 Operating Systems Concepts	
			ITC 1421 Unix/Linux Operating Systems	
			ITC 1431 Windows Operating System	
			ITC 1323 Introductory Programming	Pre ITC 1353, MATH 1403 & ENGL 1203
			ITC 1613 Network Fundamentals	Pre ITC 1353, MATH 1403 & ENGL 1203
		ITC 2712 Business Organization & Environment		
SEMESTER 3 16 hours	*		PHSC 1754 Physical Science for Information Technology	Pre MATH 1403 or higher
	*		SOCI 2753 Introduction to Sociology IT majors	

			ITC 2333 Advanced Programming	Pre ITC 1323
			ITC 2512 Data Modeling	Pre ITA 1201 and ITC 1323
			ITC 2624 Network Client Support	Pre ITC 1613
SEMESTER 4			ITC 2732 Principles of Accounting	
18 hrs	*		CHEM 1304 Chemical Principles IT majors	Pre or Co MATH 1203 or higher
			ITC 2143 Website Design	Pre ITA 1162
			ITC 2522 Queries	Pre ITC 2512
			ITC 2532 Building a Database	Pre ITC 2522
			ITC 2113 Data Structures	Pre ITC 2333
			ITC 2752 E-Commerce Concepts	Pre ITA 1162

Student will receive an Associate of Applied Science degree upon completion of courses in first 4 semesters.

	Grade	Transfer	Courses	Pre or Co Reqs
SEMESTER 5			ITN 3112 Windows System Administration	Pre ITC 2624
16 hours			ITN 3122 NetWare System Administration	Pre ITC 2624
			ITN 3132 Linux System Administration	Pre ITC 2624
			ITP 3633 Enterprise Java Programming	Pre ITC 2113
			ITN 3214 Internetworking I	Pre ITC 2624
			ITN 3313 Data & Computer Communications	Pre ITC 2624
SEMESTER 6	*		FORL 1304 Beg Spanish I IT majors	
16 hours			ITN 3224 Internetworking II	Pre ITN 3214
			ITN 3234 Internetworking III	Pre ITN 3224
			ITN 3324 Network Directory Services	Pre ITN 3112, 3122 & 3132
SEMESTER 7	*		SPCH Intro to Speech Communication IT majors	
17 hours			ITC 2721 Computer Trends	
			ITC 2741 Customer Relations	
			ITN 4334 Network Applications	Pre ITN 3324
			ITN 4344 Network Security & Firewalls	Pre ITN 3324
			ITN 4354 Network Analysis & Design	Pre ITN 3324
SEMESTER 8			ITN 3142 AS/400 System Administration	Pre ITC 2624
15 hours	*		HUMN 2563 Humanities/Arts IT majors	
	*		POLS 2753 Am Natl Government IT majors	
	*		SOCI 2853 Social Problems IT majors	Pre SOCI 2753
			ITF 4114 Capstone	Pre consent of department

TOTAL DEGREE HOURS 131