

## INFORMATION TECHNOLOGY - TRANSFER PROGRAMS

The Information Technology Transfer Program is a two-year liberal arts curriculum with an emphasis on information technology classes. Through articulation agreements with various institutions, these classes are designed to meet requirements for the first two years of a four-year information technology or computer science program.

### Suggested Pathway of Study for Associate of Science Degree (2 years)

Information Technology		Computer Science	
<b>FIRST YEAR</b>		<b>FIRST YEAR</b>	
First Semester		First Semester	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
ENGL 1010 English Composition I* .....	3	ENGL 1010 English Composition I* .....	3
MATH 1150 College Algebra* .....	3	MATH 1150 College Algebra* .....	3
History* .....	3	History* .....	3
INFO 1510 Introduction to Computer Programming... 3		INFO 1510 Introduction to Computer Programming... 3	
INFO 2660 Introduction to Networking .....	3	INFO 2660 Introduction to Networking .....	3
	15		15
Second Semester		Second Semester	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
English/Literature* .....	3	English/Literature* .....	3
Natural Science* .....	3	Natural Science* .....	3
INFO 1010 Fundamentals of Information Technology .. 3		INFO 1010 Fundamentals of Information Technology .. 3	
INFO 1850 Operating Systems .....	3	INFO 1850 Operating Systems .....	3
INFO 1725 HTML, CSS, and JavaScript .....	3	INFO 1725 HTML, CSS, and JavaScript .....	3
INFO 2700 Cisco Networking I .....	3	INFO 2550 Programming in JAVA .....	3
	18		18
<b>SECOND YEAR</b>		<b>SECOND YEAR</b>	
First Semester		First Semester	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
ECON 2110 Principles of Macroeconomics* .....	3	ECON 2110 Principles of Macroeconomics* .....	3
INFO 2720 Principles of Information Security .....	3	Oral Communication* .....	3
INFO 1605 PC System Maintenance and Repair .....	3	INFO 1605 PC System Maintenance and Repair .....	3
INFO 2710 Cisco Networking II .....	3	INFO 2500 Programming in C++ .....	3
INFO 2650 Network Servers .....	3	INFO 2450 Data Structure and Algorithms* <b>OR</b>	
	15	INFO 2040 Project Management* .....	3
			15
Second Semester		Second Semester	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
PSYC 1810 Introduction to Psychology* <b>OR</b>		PSYC 1810 Introduction to Psychology* <b>OR</b>	
SOCI 1010 Introduction to Sociology* .....	3	SOCI 1010 Introduction to Sociology* .....	3
Oral Communication* .....	3	Fine Arts and Language* .....	3-4
Fine Arts and Language* .....	3-4	INFO 2330 Database Concepts, Design and	
INFO 2330 Database Concepts, Design and		Application .....	3
Application .....	3	INFO 2400 Advanced Web Programming .....	3
INFO 2750 Cisco Networking III .....	3	INFO 2900 Data Analysis <b>OR</b>	
	15-16	INFO 2770 System Security and Compliance .....	3
			15-16
<b>Total Credit Hours</b>	<b>63-64</b>	<b>Total Credit Hours</b>	<b>63-64</b>

\*Course fulfills a general education requirement for Northeast Community College. See general education requirements.

To earn an associate of science degree, a student must satisfactorily complete a minimum of 60 semester hours that include the general education requirements.