

**Computer Information Technology - Computer Networking** (CIP 11.0201)

**281-756-3669**

Associate of Applied Science Degree Program (A.A.S.)

**Purpose:** The Computer Information Technology Networking program is designed to prepare students for careers in many areas of LAN/WAN administration and design. ACC is a Charter member of the Microsoft IT Academy Program (now known as Imagine Academy) and thus holds a leveraged position for success in a variety of career opportunities (e.g. installing, managing and maintaining Microsoft servers and networks worldwide). This A.A.S. program focuses on these Microsoft certifications: (MTA) "Microsoft Technology Associate", "(MSCA) "Microsoft Certified Solutions Associate". Program graduates will be prepared for other, vendor neutral, certifications, as well. Such as CompTIA's "Network+", and "Security+". All industry certifications are awarded after passing their proprietary exams which are administered by independent, authorized testing centers. Alvin College has a classroom lab on the main campus dedicated exclusively to the Network Administrator/Professional/Technician programs.

Course Number	Course Title	Credits
<b>FIRST YEAR</b>		
<b>First Semester</b>		
BCIS 1305	Business Computer Applications	3
ITMT 1302	Windows Seven Configuration	3
ITMT 2351	Windows Server 2008 Administrator	3
ITNW 1325	Fundamentals of Networking	3
ITNW 1358	Network+	<u>3</u>
		<b>15</b>
<b>Second Semester</b>		
* Creative Arts or	Select from Creative Arts Core Curriculum	3
* Language, Philosophy & Culture	Select from Language, Philosophy & Culture Core Curriculum	
ITMT 2301	Win Srv 2008 Ntwrk Infrastructure Config.	3
ITMT 2302	Windows Server 2008 AD Configuration	3
ITSY 1342	Information Technology Security (Security+)	3
* Social & Behavioral Sciences	Select from Social & Behavioral Sciences Core Curriculum	<u>3</u>
		<b>15</b>
<b>SECOND YEAR</b>		
<b>First Semester</b>		
* Component Area Options	Select from Component Area Options Core Curriculum	3
ENGL 1301	Composition I	3
ITNW 1313	Computer Virtualization	3
ITNW 2321	Networking with TCP/IP	3
MATH 1332	Quantitative Reasoning I	<u>3</u>
		<b>15</b>
<b>Second Semester</b>		
* ENGL 1302	Composition II	3
* ITMT 2322	Windows Server 2008 Application Platform Config.	3
ITMT 2356	Windows Server 2008: Enterprise Administrator	3
ITNW 1353	Supporting Network Server Infrastructure	3
ITNW 1354	Implementing and Supporting Services	<u>3</u>
		<b>15</b>

Minimum Total Credits Required for A.A.S of Computer Networking Degree . . . . . **60**

\* Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

\* Capstone Course