



Computer/Programming Classes

Computer Software, .Net & ASP Applications

This program is designed to provide high quality, specialized vocational preparation and personal enhancement that will help aspiring professionals gain the advanced knowledge and skills they need to fulfill their career ambitions in the dynamic and growing field of information technology.

The **objective** of the program is to prepare students with the knowledge, technical skills, and work habits to pursue entry-level IT **positions** dealing with the research, design, and development of .Net systems software (.Net Developer/Programmer,.Net Web Developer, C# Developer, Software Developer/Engineer, etc.), This program provides students with knowledge and a variety of skills in developing complex real life working Windows Forms and Web based .NET applications using C# 2008 programming language, SQL 2005 database server and Visual Studio 2008. Some of the main program goals include, but are not limited to, a solid knowledge of Windows and Web Forms design, object-oriented programming concepts, database programming, advanced features of the C# language, application deployment.

Graduates will use the acquired skills in the medical, industrial, communications, business, scientific, and general areas.

The length of the program is **560** clock hours over a period of **31** weeks. All students must complete the program with a minimum of **42** quarter credit hours.

Upon successful completion of the program, graduates will be awarded a **Diploma**.

Although AAIT will assist students with job placement, finding a job is the individual responsibility of the student. AAIT does not guarantee that any student will be placed in any of the jobs described, or placed at all.



Systems Software, SQL Applications

This program is designed to provide high quality, specialized vocational preparation and personal enhancement that will help aspiring professionals gain the advanced knowledge and skills they need to fulfill their career ambitions in the dynamic and growing field of information technology.

The **objective** of the program is to prepare students with the knowledge, technical skills, and work habits to pursue entry-level **positions** of SQL DBA, SQL Applications Developer, Programmer Analyst, SQL Software Designer, SQL Server Developer, etc., where they will be expected to develop, create, and modify general computer applications software or specialized utility programs. The successful graduates will be able to analyze user needs and develop software solutions, understand basic database design principles and implement them in SQL Server, have knowledge of the fundamentals of writing Transact-SQL queries that retrieve or modify data, design software or customize software for client use with the aim of optimizing operational efficiency.

The length of the program is **560** clock hours over a period of **31** weeks. All students must complete the program with a minimum of **42** quarter credit hours.

Upon successful completion of the program, graduates will be awarded a **Diploma**.

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Microsoft Office Applications (Word/Excel/PP)

This program is designed to provide high quality, specialized vocational preparation for both high school graduates and professionals who are pursuing clerical and managerial positions which require advanced knowledge of computer skills and Microsoft Office Applications.

The **objective** of the program is to prepare students with the knowledge, technical skills, and work habits to pursue competitive entry-level clerical office positions with highly specific computer requirements and knowledge of Microsoft Office 2007 Applications (Word, Excel & Power Point).

In modern days virtually any clerical and managerial office job requires some degree of data processing and manipulation. Microsoft Office Suite is the most popular, versatile, and widely used set of programs that handles most of day to day operations in the office and therefore it is implied that employees are able to use it at advance level. This course gives an overview of the core Office products (Word, Excel, PowerPoint). The course introduces students to basic and advanced features within each of the applications including Microsoft Outlook for managing your email, appointments, meetings, and contacts; the essentials of the Microsoft Word 2007 program, with many intermediate to advanced features; the essentials of the Excel 2007 program, creation and modification of professional presentations using Microsoft PowerPoint.

The length of the program is **120** clock hours over a period of **10** weeks. All students must complete the program with a minimum of **9.0** quarter credit hours.

Upon successful completion of the program, graduates will be awarded a **Certificate**.

Although AAIT will assist students with job placement, finding a job is the individual responsibility of the student. AAIT does not guarantee that any student will be placed in any of the jobs described, or placed at all.