



g r a y s o n . e d u

Microcomputer Applications

Program Description

The Associates of Applied Science Degree in Microcomputer Applications is designed to prepares students for the workforce with practical and marketable computer software skills in two years. Completion of the Microcomputer Applications AAS degree includes one specialization track for the student. Students who have completed the Microcomputer Applications AAS degree may receive an additional enhanced skills certificate upon completion of the required course work. The enhanced skills certificates are:

Computer Entrepreneur
Microcomputer Applications

Help Desk Specialist
Networking Specialist

Instructional Media Technician
Webmaster Assistant

Degree Plan			
First Semester	Semester Hours	Second Semester	Semester Hours
COSC 1300	3	ITSW 1307	3
ITSC 1305	3	ARTC 1325	3
ITSC 1309	3	ITSW 1304	3
SPCH 1311	3	Math Core	3
ENGL 1301	3	ACNT 1303 or	3 or 4
COSC 1102	<u>1</u>	ACCT 2401	
	16	COSC 1336	<u>3</u>
			18 or 19
Third Semester	Semester Hours	Fourth Semester	Semester Hours
ITSC 1407	4	BCIS 2316	3
COSC 2330 or 1337	3	Computer Science	
Computer Science		Elective*	3
Elective*	3	CPMT 1349	3
Social/Behavioral		ITSC 1491	4
Science*	3	Fine Arts/	
BUSI 1301	<u>3</u>	Humanities	<u>3</u>
	16		16

Microcomputer Applications Certificate			
First Semester	Semester Hours	Second Semester	Semester Hours
COSC 1300	3	ARTC 1325	3
ITSC 1309	3	ITSW 1304	3
ITSW 1307	3	POFI 2331	3
ITSC 1305	3	COSC 1336	3
ACNT 1303 or		Computer Science	
ACCT 2401	3 or 4	Elective*	<u>3</u>
COSC 1102	<u>1</u>		15
	16 or 17		

Computer Entrepreneur Enhanced Skills Certificate	
Subject	Semester Hours
BUSG 2309	3
MRKG 1311	3
Computer Science Elective*	3
Computer Science Elective*	<u>3</u>
	12

Help Desk Specialist Enhanced Skills Certificate	
Subject	Semester Hours
ITSC 1325	3
ITSC 2339	3
ITNW 1325	3
Computer Science Elective*	<u>3</u>
	12

Instructional Media Technician Enhanced Skills Certificate	
Subject	Semester Hours
IMED 1301	3
IMED 1316	3
IMED 2301	3
Computer Science Elective*	<u>3</u>
	12

Networking Specialist Enhanced Skills Certificate	
<u>Subject</u>	<u>Semester Hours</u>
CPMT 1349	3
ITNW 2305	3
ITNW 2301	3
BCIS 2331	<u>3</u>
	12

Webmaster Assistant Advanced Skills Certificate	
<u>Subject</u>	<u>Semester Hours</u>
EECT 1303	3
ITNW 1354	3
IMED 1316	3
ITNW 2301	<u>3</u>
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Capstone Experience
Graduation with a Certificate or Associate of Applied Science Degree in Microcomputers Applications requires successful completion of a capstone exam or course.

Course Requirements
The Microcomputer Applications Certificate program requires that you have a High School Diploma or an equivalent.
The Associate of Applied Science Degree requires that you have taken and passed the THEA test.

Job Outlook
Microcomputer Applications graduates should have favorable job opportunities. The number of jobs available is dependent upon economic growth and the need to replace computer specialists who transfer to other occupations or leave the labor force. Employment of computer specialist is expected to grow faster than the average for all occupations through 2008.
Projected job growth stems largely from increased demand for electronic goods, including computers and communications equipment. The need for electronics manufactures to invest heavily in research and development to remain competitive and have a scientific edge will provide openings for graduates who have learned the latest technologies.
Opportunities for microcomputer specialists should also improve as aircraft and weapons systems are upgraded with improved navigation, control, guidance and targeting systems. Graduates from this program are in demand locally from employers such as Texas Instruments and MEMC. However, most graduates should anticipate more opportunities in the corridor south from McKinney to Plano and Dallas. Aircraft and military system opportunities exist in Denton and Fort Worth

Anticipated Costs For Two Years	
The following are approximate anticipated costs for the Microcomputer Applications program. Prices are subject to change without notice.	
Tuition (in-district) All Courses	\$2,814.00
Lab Fees	\$408.00
Matriculation Fees	\$40.00
Parking Fees	\$30.00
Student ID	\$10.00
Computer	\$1,000.00
Tools and Supplies	\$48.25
Books	\$1,425.00
Approximate Total	\$5,775.25

Local Employers
Texas Instruments JCP Specialists (Plano) Folgers HDI Services (Plano)

*** Must be from course elective list.**

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