

Computer Information Systems

Associate of Applied Science in Personal Computer Support Specialist–PC2

FIRST SEMESTER			
—	ITSC	1309	Integrated Software Applications I
			or
—	BCIS	1405	Business Computer Applications
—	ARTC	1453	Computer Illustration
—	CPMT	1411	Introduction to Computer Maintenance
—	ITCC	1401	Exploration: Network Fundamentals
—	IMED	1316	Web Page Design I
			3/4
			4
			4
			4
			3
			18/19

SECOND SEMESTER			
—	ITSC	2321	Integrated Software Applications II
—	IMED	1445	Interactive Multimedia I
—	ARTC	2440	Computer Illustration II
—	ARTC	1413	Digital Publishing I
			3
			4
			4
			4
			15

THIRD SEMESTER			
—	ENGL	1301	English Composition I
—	----	----	Social/Behavioral Science
—	ITSW	2337	Advanced Database
—	----	----	Natural Science/Mathematics
—	COSC	1436	Programming Fundamentals I
			or
—	ITSE	1331	Intro. to Visual BASIC Programming
			3/4
			16/17

FOURTH SEMESTER			
—	----	----	Oral Communications
—	ITSE	1350	System Analysis & Design
—	ITSC	2335	Application Problem Solving
			or
—●	ITSC	2339	Personal Computer Help Desk
—	----	----	Humanities/Fine Art
—	----	----	Elective*
			3
			3
			3/4
			15/16
Total Semester Credit Hours for Degree			64/67

* Select electives from COSC 1437, IMED 2309, IMED 2315 or ITSC 1364.

Certificate of Completion in Personal Computer Support Specialist I–PCS1

FIRST SEMESTER			
—	ITSC	1309	Integrated Software Applications I
			or
—	BCIS	1405	Business Computer Applications
—	ARTC	1453	Computer Illustration
—	CPMT	1411	Introduction to Computer Maintenance
—	ITCC	1401	Exploration: Network Fundamentals
—●	IMED	1316	Web Page Design I
			3/4
			4
			4
			4
			3
			18/19
Total Semester Credit Hours for Certificate			18/19

Certificate of Completion in Personal Computer Support Specialists II–PCSS1

FIRST SEMESTER			
—	ITSC	1309	Integrated Software Applications I
			or
—	BCIS	1405	Business Computer Applications
—	ARTC	1453	Computer Illustration
—	CPMT	1411	Introduction to Computer Maintenance
—	ITCC	1401	Exploration: Network Maintenance
—	IMED	1316	Web Page Design I
			3/4
			4
			4
			4
			3
			18/19
Total Semester Credit Hours for Certificate			33/34

SECOND SEMESTER			
—	ITSC	2321	Integrated Software Applications II
—	IMED	1445	Interactive Multimedia I
—	ARTC	2440	Computer Illustration II
—●	ARTC	1413	Digital Publishing I
			3
			4
			4
			4
			15

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.

◆ Students completing a high school Tech Prep Program may receive credit for indicated courses.

Associate of Applied Science in E–Business Web Developer Specialist–EB2

FIRST SEMESTER		SCH
— ITSC	1309	Integrated Software Applications I
		or
— BCIS	1405	Business Computer Applications
— ITSE	1331	Introduction to Visual BASIC Programming
— COSC	1436	Programming Fundamentals I
— ARTC	1453	Computer Illustration
— IMED	1316	Web Page Design I
		17/18
SECOND SEMESTER		
— ITSC	2321	Integrated Software Applications II
— ARTC	2440	Computer Illustration II
— ARTC	1413	Digital Publishing I
— ITSE	1350	System Analysis & Design
— MRKG	1311	Principles of Marketing
		17
THIRD SEMESTER		
— IBUS	1305	Introduction to International Business & Trade
— BUSG	2309	Small Business Management
— ENGL	1301	English Composition I
— ----	----	Oral Compositions
— ----	----	Humanities/Fine Arts
		15
FOURTH SEMESTER		
— IMED	1445	Interactive Multimedia I
— ----	----	Natural Science/Mathematics
— ----	----	Social/Behavioral Science
— IMED	2309	Internet Commerce
—●IMED	2315	Web Page Design II
		or
—●ITSC	1364	Practicum (or Field Experience) Computer and Information Sciences, General
		3
		17
Total Semester Credit Hours for Degree		66/67

Certificate of Completion in E-Business Web Developer Specialist I–EBW1

FIRST SEMESTER		SCH
— ITSC	1309	Integrated Software Applications I
		or
— BCIS	1405	Business Computer Applications
— ITSE	1331	Introduction to Visual BASIC Programming
— COSC	1436	Programming Fundamentals I
— ARTC	1453	Computer Illustration
—●IMED	1316	Web Page Design I
		17/18
Total Semester Credit Hours for Certificate		17/18

Certificate of Completion in E-Business Web Developer Specialist II–EB1

FIRST SEMESTER		SCH
— ITSC	1309	Integrated Software Applications I
		or
— BCIS	1405	Business Computer Applications
— ITSE	1331	Introduction to Visual BASIC Programming
— COSC	1436	Programming Fundamentals I
— ARTC	1453	Computer Illustration
— IMED	1316	Web Page Design I
		17/18
SECOND SEMESTER		
— ITSC	2321	Integrated Software Applications II
— ARTC	2440	Computer Illustration II
—●ARTC	1413	Digital Publishing I
— ITSE	1350	System Analysis & Design
— MRKG	1311	Principles of Marketing
		17
Total Semester Credit Hours for Certificate		34/35

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Certificate of Completion in Digital Media I—DME1

FIRST SEMESTER

— ITSC	1309	Integrated Software Applications I or	
— BCIS	1405	Business Computer Applications	3/4
— ARTC	1453	Computer Illustration	4
—●IMED	1316	Web Page Design I	3
— MRKG	1311	Principles of Marketing	3
— POFT	1127	Introduction to Keyboarding	1
— POFT	1132	Workplace Diversity	1

Total Semester Credit Hours for Certificate

SCH

3/4

4

3

3

1

1

15/16

15/16

Certificate of Completion in Digital Media II—DM1

FIRST SEMESTER

— ITSC	1309	Integrated Software Applications I or	
— BCIS	1405	Business Computer Applications	3/4
— ARTC	1453	Computer Illustration	4
— IMED	1316	Web Page Design I	3
— MRKG	1311	Principles of Marketing	3
— POFT	1127	Introduction to Keyboarding	1
— POFT	1132	Workplace Diversity	1

SECOND SEMESTER

—●ITSC	2321	Integrated Software Applications II	3
— ARTC	2440	Computer Illustration II	4
— IMED	1445	Interactive Multimedia I	4
— ARTC	1413	Digital Publishing I	4
— IMED	2311	Portfolio Development	3

Total Semester Credit Hours for Certificate

SCH

3/4

4

3

3

1

1

15/16

3

4

4

4

3

18

33/34

Associate of Applied Science in Digital Forensics Technician—FT2

This program is designed to provide a balanced, fundamental application-oriented education focused on the knowledge of existing and new developments in Digital Forensics. Students will acquire knowledge of the basic digital security and forensics concepts, legal procedures, tools, programming, and tool set skills required to retrieve, collect and analyze digital data. Students will be required to develop necessary teamwork skills to fulfill the capstone requirement. Graduates will attain the following skills: ability to identify, collect, preserve, analyze, and report analysis results of digital forensics evidence. Graduates must also possess extensive analytical skills, strong organizational skills, and excellent written, oral, and presentation skills. Graduates must demonstrate good ethical behavior, judgement, and the ability to adapt to a broad range of digital technologies.

With additional training and experience, individuals increase their potential for advancement. The skills with this degree can lead not only to jobs in the digital forensics industry, but after work experience and completion of a 4-year degree in computer science, or digital forensics, students could qualify for other crossover careers including such career opportunities as: Network and Computer Systems Administrators, Computer Support Specialists, Computer Programmer, Computer Systems Analyst, and/or Software Engineer.

FIRST SEMESTER

—	COSC	1301	Microcomputer Applications	SCH	3
—	CRIJ	1301	Introduction to Criminal Justice		3
—	CRIJ	1306	Court Systems & Practices		3
—	CRIJ	1310	Fundamentals of Criminal Law		3
—	CPMT	1449	Computer Networking Technology		4
—	ITDF	1300	Introduction to Digital Forensics		3

19

SECOND SEMESTER

—	ITDF	1305	Fundamentals of Digital Data Storage		3
—	ITSC	1316	Linux Installation & Configuration		3
—	ITSY	2301	Firewalls & Network Security		3
—	CRIJ	2314	Criminal Investigation		3
—	CRIJ	2323	Legal Aspects of Law Enforcement		3
—	----	----	Oral Communications		3

18

THIRD SEMESTER

—	COSC	1436	Programming Fundamentals I		4
—	ITDF	2320	Digital Forensics Collection		3
—	ITDF	2325	Digital Forensics Tools		3
—	ITSY	2343	Computer System Forensics		3
—	ENGL	1301	English Composition I		3

16

FOURTH SEMESTER

—	ITSY	2330	Intrusion Detection		3
—●	ITDF	2335	Comprehensive Digital Forensics Project		3
—	MATH	1414	College Algebra		4
—	----	----	Social/Behavioral Science		3
—	----	----	Humanities: Fine Art		3

16

Total Semester Credit Hours for Degree **69**

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.

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