

Name (last,first): _____		2005 - 2006 CERTIFICATE CHECKLIST	
		Computer Programming	
Date: _____	SSN: _____	All courses must have a grade of "C" or above. A minimum of 12 or two-thirds (whichever is greater) of the required units of the specific subject matter must be completed at San Joaquin Delta College. Units earned through Credit by Exam do not apply.	
Evaluator: _____	Phone: _____	Notes:	
Applied: ___ Summer ___ Fall ___ Spring ___ Year _____			
Status: ___ Pending ___ Complete ___ Denied			

Minimum units required = 43.0		Units	Status
BUS 1A <u>OR</u>	Principles of Accounting	5.0	
BUS 10A &	Bookkeeping	3.0	
BUS 10B	Bookkeeping	3.0	
BIM 1A <u>OR</u>	Beginning Keyboarding	1.5	
	Provide typing certificate for 40+ WPM	n/a	
COM ST 3	Interpersonal Communication	3.0	
CS 11	Fundamentals of Computer Science	3.0	
CS 32	Computer Operations	3.0	
CS 33	Systems Analysis & Design	3.0	
CSA 45	Microsoft Windows	1.0	
CSP 25	ASSEMBLY Language Prog.: Macro	3.0	
CSP 17 <u>OR</u>	Computer Logic	3.0	
CSP 29A	PASCAL Programming	3.0	
CS 50H <u>OR</u>	Special Studies: Computer Science	2.0	
CS 69V <u>OR</u>	Internship: Computer Science	2.0	
CS 98V	Work Experience: Computer Science	2.0	
CS 54 <u>OR</u>	Fundamentals of Data Communication	3.0	
CS 56	Networking Essentials	3.0	
ENG 72	Technical Writing	3.0	
MATH 20	Finite Mathematics	3.0	

Complete one of the following (5 unit minimum):		Units	Status
CSP 24	COBOL Programming	5.0	
<u>OR</u>			
CSP 26A &	JAVA Programming	3.0	
CSP 26B	Data Structures with Java	3.0	
<u>OR</u>			
CSP 28A &	Visual Basic .NET Programming	3.0	
CSP 28B	Advanced Visual Basic .NET Programming	3.0	
<u>OR</u>			
CSP 31A &	C Programming	3.0	
CSP 31B	C++ Programming	3.0	

Take at least 3 units from the following:			
CS 42	UNIX	3.0	
CSP 24	COBOL Programming	5.0	
CSP 26A	JAVA Programming	3.0	
CSP 26B	Data Structures with Java	3.0	
CSP 28A	Visual Basic .NET Programming	3.0	
CSP 28B	Advanced Visual Basic .NET Programming	3.0	
CSP 29A	PASCAL Programming	3.0	
CSP 31A	C Programming	3.0	
CSP 31B	C++ Programming	3.0	
CSW 21	Javascript Programming	3.0	
CSW 23	HTML for Web Publishing	3.0	

Note: courses can only be counted in one area