

| | | 2005 - 2006 CERTIFICATE CHECKLIST | |
|--|--|--|--|
| | | Computer Science | |
| Name (last,first): _____ | | 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. | |
| Date: _____ SSN: _____ | | | |
| Evaluator: _____ Phone: _____ | | Notes: | |
| Applied: ___ Summer ___ Fall ___ Spring ___ Year _____ | | | |
| Status: ___ Pending ___ Complete ___ Denied | | | |
| | | | |
| | | | |

Minimum units required = 40.0

| | | Units | Status |
|------------------|----------------------------------|-------|--------|
| COM ST 1A | Fundamentals of Speech | 3.0 | |
| CS 11 | Fundamentals of Computer Science | 3.0 | |
| CS 33 | Systems Analysis & Design | 3.0 | |
| CSP 17 OR | Computer Logic | 3.0 | |
| CSP 29A | PASCAL Programming | 3.0 | |
| CSP 25 | ASSEMBLY Language Prog.: Macro | 3.0 | |
| CSP 31A | C Programming | 3.0 | |
| CSP 31B | C++ Programming | 3.0 | |
| ENG 1A | Written Communications | 3.0 | |

Take at least 3 courses from the following:

| | | Units | Status |
|---------|------------------------------------|-------|--------|
| MATH 1 | Calculus | 5.0 | |
| MATH 2 | Calculus | 4.0 | |
| MATH 3 | Vector Calculus | 4.0 | |
| MATH 4 | Differential Equations | 4.0 | |
| MATH 5 | Linear Algebra | 3.0 | |
| MATH 12 | Intro. To Probability & Statistics | 4.0 | |
| MATH 20 | Finite Mathematics | 3.0 | |

Take at least 6 units from the following:

| | | Units | Status |
|---------|--|-------|--------|
| BUS 1A | Principles of Accounting | 5.0 | |
| BUS 1B | Principles of Accounting | 5.0 | |
| BUS 4 | Managerial Accounting | 5.0 | |
| CHEM 1A | General Chemistry | 5.0 | |
| CS 32 | Computer Operations | 3.0 | |
| CS 42 | UNIX | 3.0 | |
| CS 54 | Fundamentals of Data Communication | 3.0 | |
| CS 56 | Networking Essentials | 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 43A | Database Design | 3.0 | |
| ECON 1A | Principles of Economics (Macro) | 3.0 | |
| PHYS 4A | Principles of Physics: Mechanics | 4.0 | |
| PHYS 4B | Physics: Waves, Sound, & Thermo. | 4.0 | |
| PHYS 4C | Principles of Physics: Electricity & Magnetism | 4.0 | |