

# RIDGEWATER COLLEGE

## Hutchinson Campus

### FY 2001-2002 Educational Plan

#### Computer System Technology

Computer Programmer A.A.S. Degree (66 Credits)

#### **Technical** (36 credits required)

	Credits
CST 1601 Databases and Record Management .....	2
CST 1602 Adv. Databases and Record Management (Oracle) .....	3
CST 1620 C++ Programming .....	5
CST 1640 Introduction to JAVA .....	5
CST 1694 Structured Programming .....	3
CST 1743 Introduction to Artificial Intelligence .....	2
CST 1795 DOS and the Command Line .....	1
CST 1800 Introduction to Computers .....	1
CST 1802 Introduction to Help Desk .....	1
CST 1804 Configuring Applications .....	1
CST 1806 Understanding Computers .....	3
CST 1830 Internet Basic .....	1
CST 1858 Introduction to LAN .....	2
CST 2601 Visual Basic I .....	3
CST 2895 Customer Service .....	1
<b>OR</b>	
RET 1150 Customer Service .....	1
MMDT 1021 Internet and the Web .....	2

#### **Technical Elective** (10 credits required)

Advisor Approved Technical Courses .....	10
ADS 1001 Keyboarding I/Word Processing .....	2
ADS 1002 Keyboarding II/Word Processing .....	2
ADS 1022 WordPerfect .....	2
ADS 2030 Microsoft Word .....	2
CST 1072 Installing/Configuring/Administering Operating System .....	3
CST 1074 Installing/Configuring and Administering Server .....	3
CST 1076 Network Infrastructure .....	4
CST 1170 Implementing/Administering Directory Services Infrastructure .....	3
CST 1172 Installing, Configuring, and Administering Proxy Server .....	3
CST 1174 Designing Directory Services Infrastructure .....	3
CST 1176 Installing, Configuring, and Administering Exchange Server .....	3
CST 1605 Document Management .....	1
CST 1610 Web Server Administration .....	2
CST 1615 Introduction to PERL .....	3
CST 1641 Advanced Java I .....	4
CST 1642 Advanced Java II .....	4
CST 1654 Windows Workstation support .....	2
CST 1725 Batch File Programming .....	1
CST 1752 Introduction to Diagnostics .....	3
CST 1805 Introduction to Unix .....	2

CST 1808 Applied Technology .....	3
CST 1834 Digital Circuits .....	3
CST 1858 Introduction to LAN .....	2
CST 2602 Visual Basic II .....	3
CST 2603 Advanced Peripherals .....	3
CST 2604 A+ Certification Prep .....	3
CST 2605 Unix System Administration .....	2
CST 2608 Advanced Unix Administration .....	2
CST 2612 Advanced PERL .....	2
CST 2613 JavaScript, JScript, and SSI .....	2
CST 2614 Advanced HTML .....	2
CST 2615 Integrating NetWare and Unix .....	2
CST 2616 PC Help Desk .....	3
CST 2617 Integrating Unix and Windows .....	2
CST 2618 Sendmail Administration .....	2
CST 2622 NetWare Administration .....	3
CST 2623 Advanced NetWare Administration .....	3
CST 2624 NDS Design and Implementation .....	1
CST 2625 NetWare Service and Support .....	2
CST 2632 GroupWise 5 Administration .....	1
CST 2634 Integrating NetWare and Windows .....	2
CST 2636 Network Management .....	1
CST 2638 Border Manager .....	1
CST 2639 NetWare Web Server Administration .....	1
CST 2667 SQL Database Design .....	2
CST 2668 SQL Administration .....	2
CST 2825 Applications Support .....	3
CST 2837 Independent Study .....	1 - 12
CST 2856 Introduction to I/O .....	3
CST 2881 CST Internship .....	1 - 8
GSWS 1401 Employment Preparation .....	1
MMDT 1070 Networking Essentials for the Web .....	4
MSET 1730 Intermediate Electronics .....	3
MSET 1814 Basic Electricity .....	2

**Total Technical Credits..... 46**

#### **General Education** (7 credits required)

##### **Category 4**

MATH 109

MATH 112

##### **Category 6**

PHIL 110

##### **Mathematical/Logical Reasoning**

Elements of Algebra & Trigonometry .. 4

**OR**

College Algebra .. 4

##### **Humanities and Fine Arts**

Logic and Critical Thinking .. 3

**General Education Electives** (13 credits required)

Advisor Approved General Education Courses

**General Education courses will be selected from at least three (3) of the ten (10) goal areas of the Minnesota Transfer curriculum. Refer to a current college catalog for a listing of the goal areas and courses assigned. Courses can be taken from any of the ten (10) goal areas.**

**Total General Education/Studies Credits .....20**

