RIDGEWATER COLLEGE
Hutchinson Campus
FY 2003-2004 Educational Plan
Computer System Technology
Computer Programmer A.A.S. Degree (66 Credits)

**Technical** (35 credits required)  
CST 1001 Solving Computer Problems ........... 2  
OR  
MMDT 1001 Solving Computer Problems ........... 2  
CST 1021 HTML and the Web .................. 2  
OR  
MMDT 1021 HTML and the Web .................. 2  
CST 1601 Database Programming ............... 2  
CST 1615 Introduction to Perl .................. 3  
CST 1620 C++ Programming .................... 5  
CST 1640 Introduction to Java ................. 5  
CST 1794 Structured Programming .............. 2  
CST 1801 Visual Basic I ....................... 3  
CST 1802 Introduction to Help Desk .......... 1  
CST 1803 Help Desk Fundamentals ............. 1  
CST 1805 Introduction to Unix ................. 2  
CST 1830 Internet Basics ...................... 1  
CST 1860 Command Line and Shell Scripts ..... 2  
CST 2641 Advanced Java I ..................... 4

**Technical Elective** (Select 1 credit)  
CST 2895 Customer Service .................... 1  
RET 1150 Customer Service .................... 1

**Technical Electives** (Select 10 credits)  
ADS 1001 Keyboarding I/Word Processing .... 3  
ADS 1002 Keyboarding II/Word Processing .... 3  
CST 1072 Implementing and Supporting Windows Workstation ............ 3  
CST 1602 Adv. Databases/Record Mgmt (Oracle) 3  
CST 1610 Web Server Administration .......... 2  
CST 1655 Windows Workstation Support ........ 1  
CST 1700 Fundamentals of Networking (Cisco) 3  
CST 1834 Digital Circuits ..................... 3  
CST 2602 Visual Basic II ...................... 3  
CST 2612 Advanced PERL ....................... 2  
CST 2613 JavaScript, JScript, and SSI ........ 2  
CST 2614 Advanced HTML ...................... 2  
CST 2642 Advanced Java II .................... 4  
CST 2799 Help Desk Principles ............... 1  
CST 2801 Help Desk Management I ............ 1  
CST 2802 Help Desk Management II ............ 1  
CST 2837 Independent Study .................. 0  
CST 2881 CST Internship ...................... 0  
MMDT 1144 Multimedia and the Web .......... 3  
MSET 1814 Basic Electricity .................. 2

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

**General Education** (6 credits required)  
ENGL 121 College Composition I ............... 3  
PHIL 110 Logic and Critical Thinking .......... 3

**General Education Elective** (Select 4 credits)  
MATH 109 Elements of Algebra & Trigonometry 4  
OR  
MATH 112 College Algebra ..................... 4

**General Education Electives** (10 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