RIDGEWATER COLLEGE
Hutchinson Campus
FY 2001-2002 Educational Plan
Computer System Technology
Computer Programmer Diploma (50 Credits)

Technical (36 credits required)
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 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 2627 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 2668 SQL Database Design ..................2
CST 2667 SQL Administration ....................2
CST 2685 Applications Support ..................3
CST 2837 Independent Study .....................1 - 12
CST 2856 Introduction to I/O .....................3
CST 2881 CST Internship .........................1 - 8
MMDT 1070 Networking Essentials for the Web .4
MSET 1730 Intermediate Electronics ..........3
MSET 1814 Basic Electricity ...................2

Total Technical Credits ........................................45

General Studies (5 credits required)

MATH/SCIENCES (2 credits required)
GSMS 1222 Applied Elementary Algebra ..........2

General Studies Electives (3 credits required)

COMMUNICATIONS
GSCM 1102 Applied Written Communications ......2
GSCM 1112 Applied Oral Communications ..........2
GSCM 1122 Oral and Written Communications ....2
GSCM 1132 Applied Technical Communications ....2

WORKPLACE SKILLS
GSWS 1401 Employment Preparation ..............1
GSWS 1422 Quality Management ..................2
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GSWS 1432</td>
<td>Problem Solving/Decision Making</td>
<td>2</td>
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<tr>
<td>GSWS 1442</td>
<td>Team Development</td>
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**INTERPERSONAL SKILLS**

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<tbody>
<tr>
<td>GSIS 1502</td>
<td>Human Relations</td>
<td>2</td>
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**Total General Studies Credits**

5