

**Computer System Technology A.A.S. Degree (66 Credits)
FY 1999-2000 Educational Plan**

**RIDGEWATER COLLEGE
Hutchinson Campus**

Technical Core		23 credits required		
CST 1601	Database Programming	2	CST 1830 Internet Basics	1
CST 1654	Windows Workstation Support	2	CST 1858 Introduction to LAN	2
CST 1743	Intro to Artificial Intelligence	2		
CST 1752	Introduction to Diagnostics	3	CST 2895 Customer Service	1
CST 1794	Structured Programming	2	-- or --	
CST 1795	DOS and the Command Line	1	RET 1150 Customer Service	1
CST 1800	Introduction to CST	1		
CST 1804	Configuring Applications	1	MSET 1814 Basic Electricity	2
CST 1806	Understanding Computers	3		

PC Technician Emphasis		12 of 15 credits	HelpDesk Emphasis		12 credits
CST 1834	Digital Circuits	3	CST 1725	Batch File Programming	1
CST 2603	Advanced Peripherals	3	CST 2603	Advanced Peripherals	3
CST 2604	A+ Certification Prep	3	CST 2616	PC HelpDesk	3
CST 2856	Introduction to I/O	3	CST 2655	Advanced Workstation Support	2
MSET 1730	Intermediate Electronics	3	CST 2856	Introduction to I/O	3

Networking with Novell		Networking with Windows			
NetWare Emphasis	12 of 18 credits	NT Emphasis	12 of 18 credits		
CST 1725	Batch File Programming	1	CST 1725	Batch File Programming	1
CST 1805	Introduction to UNIX	2	CST 2652	Windows NT Administration	2
CST 2615	Integrating NetWare and UNIX	2	CST 2653	Windows NT Server Support	2
CST 2622	NetWare Administration	3	CST 2655	Advanced Workstation Support	2
CST 2623	Advanced NetWare Administration	2	CST 2656	Advanced Windows NT Server Support	2
CST 2624	NDS Design and Implementation	1	CST 2662	TCP/IP Networking	2
CST 2625	NetWare Service and Support	2	CST 2663	Internet Explorer Support	1
CST 2632	GroupWise 5 Administration	1	CST 2664	Internet Information Server Configuration	1
CST 2634	Integrating NetWare and NT	2	CST 2665	Proxy Server Support	1
CST 2636	Network Management	1	CST 2667	SQL Database Design	2
CST 2638	BorderManager	1	CST 2668	SQL Administration	2

Artificial Intelligence Emphasis		12 of 15 credits	Programming Emphasis		12 of 23 credits
CST 2750	Introduction to Expert Systems	3	CST 2601	Visual Basic I	3
CST 2775	Intermediate Expert Systems	3	CST 2602	Visual Basic II	3
CST 2876	Advanced Expert Systems	3	CST 2606	JAVA II	3
CST 2886	Language Overview	2	CST 2607	Advanced JAVA II	3
CST 2872	Prolog	2	CST 2610	JAVA	3
CST 2873	LISP	2	CST 2611	Advanced JAVA	3
			CST 2811	Troubleshooting Software	2
			CST 2851	Introduction to C Language	3
			CST 2871	Intermediate C Language	3
			CST 2893	Introduction to C++	3
			CST 2894	C++ II	3

Technical Elective Courses		up to 22 credits			
CST 1605	Document Management	1	CST 2821	LAN Administration	3
CST 1610	Web Server Administration	2	CST 2837	Independent Study	1-12
CST 1615	Introduction to Perl	3	CST 2881	CST Internship	1-8
CST 1805	Introduction to UNIX	2			
CST 1808	Applied Technology	3	ADS 1007	Keyboarding I	2
CST 2605	UNIX System Administration	2	ADS 1008	Keyboarding II	2
CST 2612	Advanced Perl	2	ADS 1015	Word Processing I	2
CST 2613	JavaScript, JScript, and SSI	2	MMDT 1021	Internet and the Web	2
CST 2614	Advanced HTML	2	MSET 1730	Intermediate Electronics	3

General Education Courses		21 credits required			
GSCL 1880	Employment Prep & Retention	1	MATH 109	Elements of Algebra & Trigonometry	4
PHIL 110	Logic & Critical Thinking	3	-- or --		
			MATH 112	College Algebra	4
			Electives	13