

# RIDGEWATER COLLEGE

## Hutchinson Campus

### FY 2015-2016 Educational Plan

#### Computer Systems Technology

#### Computer Programming A.A.S. Degree (60 Credits)

<b>Fall</b>	<b>Semester 1</b>	15 - 18 credits
CST 1021	HTML and the Web .....	3
CST 1600	Relational Databases .....	3
CST 1794	Introduction to Programming.....	3
CST 1861	Command Line/Registry (or other elective) ..	3
CST 2505	Introduction to Linux (or other elective) .....	3
MATH 97	Beginning Algebra (if needed).....	3

<b>Spring</b>	<b>Semester 2</b>	15 - 16 credits
CST 1022	HTML II and Javascript.....	3
CST 1025	Network Basics .....	2
CST 1640	Intro to Java (using Android).....	3
CST 1611	Web Server Admin (or other elective).....	3
CST 1026	TCP/IP Routing (or other elective).....	1
MATH 98	Intermediate Algebra (if needed).....	3
	-or-	
MATH 109	Elements of Algebra & Trigonometry .....	4
	-or-	
MATH 112	College Algebra .....	4

<b>Fall</b>	<b>Semester 3</b>	14 - 18 credits
CST 1146	PHP Programming .....	3
CST 1620	C# Programming.....	4
CST 1602	Advanced Databases (Oracle).....	3
CST 2641	Intro Mobile Applications.....	4
	(if not already taken)	
MATH 109	Elements of Algebra & Trigonometry .....	4
	-or-	
MATH 112	College Algebra .....	4

<b>Spring</b>	<b>Semester 4</b>	15 credits
CST 2146	Data Driven Web .....	3
ENGL 121	College Composition I.....	3
CMST 121	Introduction to Speech Communication .....	3
	General Education.....	3
	General Education.....	3

Note: Based on entrance test scores, students typically take MATH in a sequence of MATH 97, MATH 98, and MATH 109/112.