



## WELDING

Delta-Schoolcraft ISD students could earn a welding certificate from Bay College through an early college arrangement as presented below. Students would receive credit for both the Intro to Oxy-Fuel and the Arc Welding course by completing their ISD studies during their junior and senior year. Three courses would then be required on Bay College's campus during the fall semester of their fifth year, with the final four courses coming on Bay College's campus during the ensuing winter semester. Tuition is currently just \$110 per contact hour at Bay College, plus fees.

Course	Contacts	Cost per Student
<i>Junior/Senior ISD Articulations</i>		
WELD 110 - Intro to Oxy-Fuel Welding & Cutting	4	\$ 0
WELD 120 - Arc Welding	6	\$ 0
<i>5th Year - Fall</i>		
WELD 220 - Gas Metal Arc Welding (MIG)	6	\$ 990
MATH 102 - Intro to Technical Math	4	\$ 580
TECH 101 - Blueprint Reading	3	\$ 430
<i>5th Year - Winter</i>		
WELD 210 - Advanced Arc Welding	6	\$ 990
WELD 260 - Gas Tungsten Arc Welding (TIG)	6	\$ 990
TECH 105 - Materials of Industry	4	\$ 560
TECH 100 - Basic Machine Tool Operation	6	\$ 840
<b>Total</b>		<b>\$ 5,380</b>



## MECHATRONICS AND ROBOTIC SYSTEMS

Delta-Schoolcraft ISD students could earn an associate's degree in Mechatronics and Robotic Systems from Bay College through an early college arrangement as presented below. Students would receive credit for the Basic Machine Tool course by completing their ISD studies during their junior and senior year. Simultaneously, students would complete four college-level courses during their high-school hours in both their junior and senior years. This would leave just two semesters at the college to obtain an associate's degree.

Course	Contacts	Cost per Student
<i>Junior/Senior ISD Articulation</i>		
TECH 100 - Basic Machine Tool Operation	6	\$ 0
<i>Junior Year - High School</i>		
ENGL 101 - Rhetoric & Composition	3	\$ 435
BUSN 177 - Mathematics of Business	3	\$ 435
ELEC 130 - Circuit Fundamentals	4	\$ 580
General Education Elective	3	\$ 435
<i>Senior Year - High School</i>		
Social and Behavioral Science Elective	3	\$ 435
ELEC 145 - Basic Process Control	4	\$ 580
ELEC 180 - Electrical Machinery and Controls	4	\$ 580
General Education Elective	3	\$ 435
<i>5th Year - Fall</i>		
ELEC 240 - Real Time Robotics Systems	4	\$ 580
ELEC 285 - Fluid Power	4	\$ 580
ELEC 290 - Introduction to PLC's	4	\$ 580
Approved Elective	4	\$ 560
<i>5th Year - Winter</i>		
ELEC 245 - Robotic Vision Systems	4	\$ 580
ELEC 295 - Mechatronics	4	\$ 580
Approved Elective	5	\$ 720
<b>Total</b>		<b>\$ 8,095</b>



## AUTOMOTIVE TECHNOLOGY

Delta-Schoolcraft ISD students could earn an associate's degree in Automotive Technology from Bay College through an early college arrangement as presented below. Students would receive credit for four automotive courses by completing their ISD studies during their junior and senior year. Simultaneously, students would complete two college-level courses during their high-school hours in both their junior and senior years. This would leave just two semesters at the college to obtain an associate's degree. Tuition is currently just \$110 per contact hour at Bay College, plus fees.

Course	Contacts	Cost per Student
<i>Junior/Senior ISD Articulation</i>		
AUTO 110 - Automotive Brakes	8	\$ 0
AUTO 120 - Automotive Electrical I	8	\$ 0
AUTO 150 - Automotive Steering and Suspension	8	\$ 0
AUTO 272 - Automotive Co-op	6	\$ 0
<i>Junior Year - High School</i>		
ENGL 101 - Rhetoric & Composition	3	\$ 435
BUSN 177 - Mathematics of Business	3	\$ 435
<i>Senior Year - High School</i>		
COMM 103 - Interpersonal Communication	3	\$ 435
Social and Behavioral Science Elective	3	\$ 435
<i>5th Year - Fall</i>		
AUTO 100 - Automotive Engines	5	\$ 725
AUTO 140 - Auto Engine Performance I	8	\$ 1,155
General Education Requirement	3	\$ 420
<i>5th Year - Winter</i>		
AUTO 200 - Auto Engine Performance II	8	\$ 1,160
AUTO 220 - Automotive Electrical II	8	\$ 1,140
AUTO 230 - Automatic Transmissions	5	\$ 700
<b>Total</b>		<b>\$ 7,040</b>



## COMPUTER NETWORKING SYSTEMS & SECURITY

Delta-Schoolcraft ISD students could earn an associate's degree in Computer Networking Systems & Security from Bay College through an early college arrangement as presented below. Students would receive credit for three courses by completing their ISD studies during their junior and senior year. Simultaneously, students would complete four college-level courses during their high-school hours in their junior year and three college-level

courses during their senior year. This would leave just two semesters at the college to obtain an associate's degree. Tuition is currently just \$110 per contact hour at Bay College, plus fees.

Course	Contacts	Cost per Student
<i>Junior/Senior ISD Articulation</i>		
CNSS 150 - A+ Computer Maintenance	6	\$ 0
CIS 101 - Computer Concepts and Applications	4	\$ 0
CIS 115 - Using Microsoft Windows	3	\$ 0
<i>Junior Year - High School</i>		
ENGL 101 - Rhetoric & Composition	3	\$ 435
BUSN 177 - Mathematics of Business	3	\$ 435
CNSS 105 - Digital Logic Principles	4	\$ 600
CNSS 130 - Intro to Networks	4	\$ 600
<i>Senior Year - High School</i>		
General Education Requirement	3	\$ 435
Social and Behavioral Science Elective	3	\$ 435
CNSS 230 - Intro to Unix Using Linux	4	\$ 600
<i>5th Year - Fall</i>		
CNSS 220 - Network Design	4	\$ 600
CNSS 231 - Advanced Linux System Admin	4	\$ 600
CNSS 250 - Windows Networking I	4	\$ 600
General Education Requirement	3	\$ 420
<i>5th Year - Winter</i>		
CNSS 225 - Wireless Systems	4	\$ 600
CNSS 251 - Windows Networking II	4	\$ 600
CNSS 260 - Network Security	4	\$ 600
CNSS 272 - Co-op/Internship	3	\$ 420
<b>Total</b>		<b>\$ 7,980</b>