

Discovery Academy

Academic Transfer Credits to Programs – FY12

DISCOVERY ACADEMY COURSES	Number of Credits that Transfer into SCTC	SCTC ASSOCIATE OF APPLIED SCIENCE degree Program
HEALTH Exploration (Career Cluster: Health Science)		
Emergency Medical Services I (EMSC-1430 4 cr) [1 st Responder/CPR]	CPR for Health Care Providers (card) Bring syllabi for institution evaluation for credit.	<ul style="list-style-type: none"> • Needed in many degrees and occupations (save the syllabi to document concepts learned)
Emergency Medical Services II (EMSC-1432 4 cr) [EMT]	Pre-req CPR for Health Care Providers (card) EMT (tested and with card)	<ul style="list-style-type: none"> • Paramedicine
AUTOMOTIVE (Career Cluster: Transportation, Distribution & Logistics)		
Brakes (AUTO-1516 4 cr) Electrical/Electronics (AUTO 1509 4 cr) Engine Performance (AUTO 1522 4 cr) Steering & Suspension (AUTO 1508 4 cr)	16 – all 4 courses	<ul style="list-style-type: none"> • Automotive Service Technician
PRE-ENGINEERING (Career Cluster: Science, Technology, Engineering & Mathematics)		
Introduction to Engineering Design (PLTW 1500 3 cr)	2 – TECH 1550 Basic CADD 3 – CADD 1512 CADD Applications	<ul style="list-style-type: none"> • Welding • Electronics • Machine Tool Technology • Mechanical Design
Principles of Engineering (PLTW 1502 3cr)	3 - credits from Technical Electives for the AAS degree programs in Electronics and Machine Tool Technology 3 - partial credit in each of three Technical Studies courses: CADD 1522 Applied Physics – 1 credit CADD 2518 Statics and Strength of Materials – 1 cr CADD 1512 CADD Applications – 1 credit	<ul style="list-style-type: none"> • Industrial Electronics Technician (AAS) • Machine Tool Technology (AAS) • Mechanical Design Technology

DISCOVERY ACADEMY COURSES	Number of Credits that Transfer into SCTC	SCTC ASSOCIATE OF APPLIED SCIENCE degree Program
Digital Electronics (<i>if offered</i>) (PLTW 1504 3cr)	2 – TECH 1554 Basic Electric Circuits	<ul style="list-style-type: none"> • Mechanical Design Technology • Machine Tool Technology
WELDING (<i>Career Cluster: Manufacturing</i>)		
Thermal Welding & Cutting Processes (WELD 1515 – lec/lab 3cr) Arc Welding Processes I (lec/lab) (WELD 1505 5cr) Print Reading & Math Applications (WELD 1529 2cr)	10 – all full courses (Cambridge-Isanti HS only)	<ul style="list-style-type: none"> • Welding/Fabrication
Arc Welding Processes I (lab A) (WELD 1505 2cr) Arc Welding Processes I (lab B) (WELD 1505 2cr) Arc Welding Processes I (lec) (WELD 1505 1cr) Thermal Welding Processes (lec/lab) (WELD 1515 2cr) Welding Math Applications (lec) (WELD 1529 1 cr)	Up to 8 – local HS decision on course offerings	<ul style="list-style-type: none"> • Welding/Fabrication
CARPENTRY (<i>Career Cluster: Architecture & Construction</i>)		
Construction Tools, Equipment & Machines (CARP 1506 3cr) Blueprint Reading & Estimating (CARP 1514 3cr) Construction Principles (CARP 1521 4cr) Exterior/Interior Finish (CARP 1527 3cr) Cabinet Building & Estimating (CARP 1536 5cr)	18 – all 5 courses	<ul style="list-style-type: none"> • Carpentry

For more information contact Sandy Fabian 320-308-5908 or sfabian@sctcc.edu