

Career Academies offered at DMACC in Carroll

Students are responsible for their own transportation to and from Carroll each day according to the DMACC academic calendar. Career Academies in Carroll account for 3 periods of a student's day. Two high school credits will be earned from classes taken at DMACC each semester and one period is allowed for travel (which does not earn credit). Students must have an additional 5 periods of classes scheduled into their day at AHS each semester. Students will be enrolled into both semesters (full year) of Career Academy programming at the beginning of the year.

When completing course requests, students should select all of the classes listed within the program. These are recommended during a student's junior or senior year. Course descriptions can be found on the DMACC website, www.dmacc.edu

Students with IEPs or 504 plans must apply for accommodations on their own prior to classes starting by visiting the Disability Services website. <https://www.dmacc.edu/disabilities/Pages/welcome.aspx>

Applied Engineering Technology

Students are provided with basics of general electricity, motor control, hydraulics and pneumatics in this tech prep program. A total of 10 DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Course #	Course Name	Credits
Times available: Mon-Fri 9:50-11:15 a.m.		
ELT123	Programmable Logic Controllers (2nd Semester)	3
ELT131	Motor Controls (1st Semester)	3
ELT303	Principles of Electricity (1st Semester)	3
MFG276	Hand and Bench Tools (2nd Semester)	1

Automotive Mechanics Technology

The Automotive Technology program is designed to prepare students for employment in the automotive service industry. This technological program allows students to gain experience with shop tools, automotive engines, brakes, suspension and alignment. Twelve DMACC credits are available upon completion of first-year DMACC Career Academy course offerings. A second year provides students with an additional 11 DMACC credits.

Course #	Course Name	Credits
Year 1 Classes Offered: M-F 7:45-9:35 a.m. or M-F 1:10 - 3 p.m.		
AUT111	Intro to Auto Tech I (1st Semester)	6
AUT112	Intro to Auto Tech II (2nd Semester)	6
Year 2 Classes Offered: M-F 10:10 a.m. - noon		
AUT163	Auto Engine Repair (1st Semester)	3
AUT601	Auto Electrical I (1st Semester)	4
AUT612	Auto Electrical II (2nd Semester)	4
AUT870	Auto Service Management (2nd Semester)	3

Career Work Experience

In this Academy, students will explore different career options, learn about job placement procedures, and participate in a seminar that examines current work trends and issues. All students are given the opportunity to receive work experience in various industries. This is a one semester program.

Course #	Course Name	Credits
Times available: M-F 7:45-9:35 a.m. or 1:10-3 p.m.		
WBL100	Exploring Careers (1st or 2nd Semester)	1
WBL110	Employability Skills (1st or 2nd Semester)	2
WBL150	Job Shadowing (1st or 2nd Semester)	1

Welding

This program allows students to engage in experiential learning in the area of welding. Students will earn a Production Welding Certificate upon completion of all DMACC Career Academy course offerings.

Course #	Course Name	Credits
Times available: M-TH 1:10-3 p.m.		
WEL228	Welding Safety/Health (1st Semester)	1
WEL233	Print Read/Sym Inter (2nd Semester)	3
WEL244	GMAW Sh Cir Transfer (1st Semester)	2
WEL245	GMAW Spray Transfer (2nd Semester)	2
MAT772	Applied Math (1st Semester)	3

Computer Programming - VIRTUAL

Students are provided a foundation of computer science and programming courses that will prepare them to create business solutions by designing, writing, and executing computer programs. Twenty-seven total DMACC credits can be earned in this academy (18 the first year and 9 the second year). Students will earn a Computer Languages diploma upon successful

completion of all Academy courses and three additional core courses (not offered as part of the academy).

Course #	Course Name	Credits
Year 1 Classes Offered: Mon-Fri 8:00 - 9:30 a.m. or 2:15 - 3:45 p.m.		
CIS125	Intro to Programming w/Logic (1st Semester)	3
CIS169	C# (1st Semester)	3
WDV101	Intro to HTML and CSS (2nd Semester)	3
CIS171	Java (2nd Semester)	3
Year 2 Classes Offered: Mon-Fri 8:00 - 9:30 a.m. or 2:15 - 3:45 p.m.		
CIS174	Adv. C# (1st Semester)	3
CIS303	Intro to Databases (1st Semester)	3
CIS332	Database aind SQL (2nd Semester)	3
CIS175	Java II (2nd Semester)	3

Teaching - VIRTUAL

The Teacher Academy provides students with an opportunity to explore education-related professions and take part in real-life teaching experiences. Students will spend a total of 120 hours shadowing elementary and secondary school teachers during portions of their assigned class time. Courses fulfill Level I Field Experience requirement at many four-year colleges.

Course #	Course Name	Credits
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Times available: Mon-Fri 9:50-11:15 a.m.

EDU 210	Foundations of Education	3
WBL 100	Exploring Careers	1
PSY 121	Developmental Psychology	3
EDU 218	Initial Field Experience	2
SDV 164	Electronic Portfolio Development	2
PSY 281	Educational Psychology	3