

JASPER COUNTY CAREER ACADEMY

DES MOINES AREA COMMUNITY COLLEGE



2023–2024 Program Schedule

NEWTON CAMPUS

600 N. 2ND AVE. W., NEWTON, IOWA

DMACC
DES MOINES AREA
COMMUNITY COLLEGE
Life's Calling™

[DMACC.EDU/CAREERADVANTAGE](https://dmacc.edu/careeradvantage)

JASPER COUNTY

The courses listed are those offered at the DMACC Jasper County Career Academy for the 2023–2024 school year. These classes provide area high school students with excellent educational opportunities. Registration in these courses is handled by local guidance counselors and principals. Listed times are tentative.

AUTO COLLISION

This program introduces students to the highly technological industry of Auto Collision and Repair. Students will gain experience in the areas of basic shop operations and procedures, welding, painting and shop safety. Fifteen DMACC credits are available upon completion of all DMACC Career Academy course offerings in Auto Collision. Completion of this program as a high school student provides the opportunity to complete the college diploma program in two college semesters.

Times available: M–F, 7:30–9:30 a.m.

COURSES INCLUDE:

- Basic Shop Safety (CRR150)..... 1 credit (1st Sem)
- Sheet Metal Fundamentals (CRR325)..... 5 credits (1st Sem)
- Sheet Metal Welding (CRR101)..... 2 credits (Year)
- Principles of Refinishing (CRR841).....5 credits (2nd Sem)
- Estimating Theory (CRR742)2 credits (2nd Sem)

UNITY CAREER AC

BUILDING TRADES/FINISH CARPENTRY

This program allows students to engage in experiential learning in the areas of Construction and Carpentry. Twenty-one DMACC credits are available upon completion of all DMACC Career Academy in this program course offerings. Completion of this program as a high school student provides the opportunity to complete the college diploma program in two college semesters. Transportation to job site is required.

COURSES INCLUDE:

YEAR 1:

Times available: M-F, 7:30-9:30 a.m.

Care/Use Hand/Power Tools (CON336)	1 credit (1st Sem)
Construction Blueprint Reading (CON337)	1 credit (1st Sem)
Materials/Construction Theory (CON333).....	5 credits (1st Sem)
Materials Takeoff (CON338)	1 credit (2nd Sem)
Concrete System & Framing (CON347).....	4 credits (2nd Sem)

YEAR 2:

Times available: M-F, 1:15-3:15 p.m.

Construction Techniques (CON334).....	7 credits (Year)
Construction Drafting & Design (CON341).....	2 credits (1st Sem)

BUSINESS ADMINISTRATION

Students are provided a foundation of courses that will prepare them for multiple business-related postsecondary opportunities. Seventeen DMACC credits are available upon completion of all DMACC Career Academy course offerings in Business Administration.

Times available: M-F, 7:30-9:30 a.m. or 1:15-3:15 p.m. (Fall Only)

COURSES INCLUDE:

Intro to Business (BUS102).....	3 credits (1st Sem)
Principles of Marketing (MKT110).....	3 credits (1st Sem)
Personal Finance (FIN121).....	3 credits (1st Sem)
Career Development Skills (ADM221).....	2 credits (2nd Sem)
Human Relations in Management (MGT145).....	3 credits (2nd Sem)
Small Business Management (BUS148).....	3 credits (2nd Sem)

ACADEMY Newton, Iowa

CERTIFIED NURSE AIDE TRAINING

This is a semester-long certification program for students interested in becoming a CNA. Six DMACC credits are available upon completion of all DMACC Career Academy course offerings in Certified Nurse Aide Training.

Times available: Fall Term M-F 1:15–3:15 p.m. or

Spring Term M-F 7:30–9:30 a.m.

COURSES INCLUDE:

Nurse Aide* 75 Hours (HSC172) 3 credits

Advanced Nurse Aide* (HSC182)..... 3 credits

**Course may require extended clinic sessions in evenings and on weekends.*

COMPUTER PROGRAMMING

This year-long program introduces students to basic programming concepts as well as problem solving using various programming languages. Students who complete both Year 1 and Year 2 will earn certificates in C# Application Developer and Java Application Developer. Students will earn 12 DMACC college credits in Year 1 and another 12 credits by completing Year 2. This program will help lead into a Diploma in Computer Languages and then an Associate Degree in Computer Information Systems. This program will be hosted in our computer lab on campus with a lab assistant and taught virtually from another campus. Year 2 of the program will be provided online only.

Times available: M-F, 7:30–9:30 a.m.

COURSES INCLUDE:

Intro to Programming w/Logic (CIS125)..... 3 credits (1st Sem)

C# (CIS169)..... 3 credits (1st Sem)

Intro to HTML and CSS (WDV101)..... 3 credits (2nd Sem)

Java (CIS171)..... 3 credits (2nd Sem)

CRIMINAL JUSTICE

The Criminal Justice program introduces students to criminal law and crime scene investigation and prepares students for entry into the criminal justice field. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings in Criminal Justice.

Times available: M–F, 7:30–9:30 a.m. or 1:15–3:15 p.m

COURSES INCLUDE:

Intro to Criminal Justice (CRJ100)	3 credits (1st Sem)
Criminal Investigation (CRJ141)	3 credits (1st Sem)
Survey of Criminal Justice Agencies (CRJ107) ..	3 credits (2nd Sem)
Juvenile Delinquency (CRJ201)	3 credits (2nd Sem)

BAKING

The DMACC Baking program has been designated as an Iowa Baking Institute, signifying the world-class prominence of the program. The Baking program follows the principles set forth by the American Culinary Federation.

The program prepares students to enter baking and pastry positions with hotels, bakeries, restaurants, clubs or institutions. Thirteen DMACC credits are available upon completion of all DMACC Career Academy course offerings in Baking.

Times available: M–F, 7:30–9:30 a.m.

COURSES INCLUDE:

Fundamentals of Baking (HCM116)	3 credits (1st Sem)
Artisan Breads (HCM224)	2 credits (1st Sem)
Sanitation & Safety (HCM100)	2 credits (1st Sem)
International Pastries (HCM347)	2 credits (2nd Sem)
Plated Desserts (HCM514)	2 credit (2nd Sem)
Nutrition (HCM231)	2 credits (2nd Sem)

HEALTH OCCUPATIONS

This program will provide students with the opportunity to explore careers in healthcare and work toward CNA training. Fourteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Students may choose to take this program as a one-semester course. Students registering for the program for the entire year will be given preference for registration.

COURSES INCLUDE:

FALL SEMESTER

Times available: M-F, 7:30-9:30 a.m.

Intro to Health Occupations (HSC105)	1 credit
Explore Health Careers/Bldg. Team (HSC109)	3 credits
Medical Terminology (HSC114)	3 credits
Emergency Care (HSC101).....	1 credit

Times available: M-F, 1:15-3:15 p.m.

Nurse Aide 75 Hours (HSC172).....	3 credits
Advanced Nurse Aide (HSC182)	3 credits

SPRING SEMESTER

Times available: M-F, 7:30-9:30 a.m.

Nurse Aide 75 Hours (HSC172).....	3 credits
Advanced Nurse Aide (HSC182)	3 credits

Times available: M-F, 1:15-3:15 p.m.

Intro to Health Occupations (HSC105)	1 credit
Explore Health Careers/Bldg. Team (HSC109)	3 credits
Medical Terminology (HSC114)	3 credits
Emergency Care (HSC101).....	1 credit

Course may require extended clinic sessions in evenings and on weekends.

HUMAN SERVICES

This program is designed for students who are interested in gaining a better understanding of the Human Services field and the helping professions. The program emphasizes numerous skills needed to work with clients, including interviewing, making appropriate referrals and assisting with counseling. Due to the nature of this class, mature topics will be discussed. Any concerns should be discussed with the instructor. Eight DMACC credits are available upon completion of all DMACC Career Academy course offerings. This program is available in the morning during the Fall semester or in the afternoon during the Spring semester.

COURSES INCLUDE:

Times available: Fall: M-F, 7:30-9:30 a.m.

Spring: M-F, 1:15-3:15 p.m.

Intro to Human Services (HSV109)	3 credits (2nd Sem)
Career Development Skills (ADM221)	2 credits (2nd Sem)
Interviewing/Interpersonal Skills (HSV130)	3 credits (2nd Sem)

TEACHER ACADEMY

The Teacher Academy provides students with an opportunity to explore education-related professions and take part in real-life teaching experiences. Students will spend 90 hours shadowing elementary and secondary school teachers during portions of their assigned class time. Courses fulfill the Level I Field Experience requirement at many four-year colleges.

Times available: M-F, 7:30-9:30 a.m. or 1:15-3:15 p.m.

COURSES INCLUDE:

Foundations of Education (EDU210)..... 3 credits (1st Sem)
Exploring Careers (WBL100)..... 1 credit (1st Sem)
Initial Field Experience (EDU218)..... 2 credits (2nd Sem)
Electronic Portfolio Development (SDV164).... 2 credits (2nd Sem)

WELDING

This program provides students with hands-on welding skills, preparing them for a high-demand profession. Twenty-one DMACC credits are available upon completion of the program.

COURSES INCLUDE:

YEAR 1

Times available: M-F, 7:30-9:30 a.m.

Intro to Safety & Health of Welders (WEL228)..... 1 credit (1st Sem)
OFC1 Manual & Mech.: SENSE1 (WEL262)..... 2 credits (1st Sem)
Print Reading & Symbol
 Interpretation (WEL233) 3 credits (1st Sem)
GMAW Short Circuit Transfer (WEL244) 2 credits (2nd Sem)
GMAW Spray Transfer (WEL245)..... 2 credits (2nd Sem)
Thermal Cutting Proc. II (WEL266) 1 credit (2nd Sem)

YEAR 2

Times available: M-F, 10:00 a.m.-12:00 p.m.

Shielded Metal Arc Welding (WEL274) 3 credits (1st Sem)
Flux Cored Arc Welding—
 Self Shielded (WEL280) 2 credits (1st Sem)
Shielded Metal Arc Welling II (WEL275)..... 3 credits (2nd Sem)
FCAW Gas Shielded (WEL281)..... 2 credits (2nd Sem)

Classes will follow the DMACC academic calendar. Fall semester runs August 23, 2023, to December 11, 2023, and Spring Semester runs January 8, 2024, to May 2, 2024.

CAREER ADVANTAGE STUDENT BENEFITS

- >> Earn college credit while in high school
- >> Develop valuable career and workplace skills
- >> Explore various career options of interest
- >> Get a head start on college and career

The Jasper County Consortium serves students in the following districts:

- >> Baxter
- >> Lynnvile-Sully
- >> Colfax-Mingo
- >> Newton
- >> Prairie City Monroe (PCM)

Students from other districts are welcomed on a space-available basis.

For more information, visit us at dmacc.edu/careeradvantage or contact:

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