

HEALTH OCCUPATIONS

This yearlong program will provide students the opportunity to explore careers in health care and work toward CNA training. Fourteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. *Courses require extended clinical sessions in evenings and/or weekends.**

Times available: M-F 1:15-3:15 pm

COURSES INCLUDE:

Medical Terminology (HSC120)..... 3 credits (1st Sem)
 Survey of Health Careers (HSC105) 1 credit (1st Sem)
 Intro to Health Careers (HSC109) 3 credits (1st Sem)
 Emergency Care (HSC102) 1 credit (1st Sem)
 *Nurse Aide 75 Hours (HSC172)3 credits (2nd Sem)
 *Advanced Nurse Aide (HSC182).....3 credits (2nd Sem)

INFORMATION TECHNOLOGY NETWORK ADMINISTRATION

Students are provided with a foundation in the basic technologies of computer networking and will work with beginning coursework in hardware and software maintenance. Eleven DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M-F 7:30-9:30 am

COURSES INCLUDE:

Digital/Computer Electronics (NET144)3 credits (1st Sem)
 Computer Hardware Basic (NET123)4 credits (1st Sem)
 CISCO Networking (NET213) 4 credits (2nd Sem)

CAREER WORK EXPERIENCE

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 (minimum of 10 hours/ week) in various industries and businesses. Nine DMACC credits are available upon completion of all DMACC Career Academy offerings.

Times available: Twice weekly as arranged

COURSES INCLUDE:

Career Exploration (SDV130).....1 credit (1st Sem)
 Pre-Employment Strategies (SDV153)..... 2 credits (1st Sem)
 Co-op Career Seminar (SDV212) 1 credit (2nd Sem)
 Co-op Career Experience (SDV226) 5 credits (2nd Sem)

WELDING

To be scheduled as interest demands.

FALL TERM

August 26-December 15, 2009

SPRING TERM

January 11-May 6, 2010

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
- Colfax-Mingo
- Lynnville-Sully
- Newton
- PCM

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

**For more information, visit us at
www.dmacc.edu/careeradvantage/
 or call:**

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 Academy Consultant
 515-460-0389 (cell)
 641-791-3622

Mary Entz
 Provost, Newton Campus
 641-791-1721

DMACC
 DES MOINES AREA
 COMMUNITY COLLEGE
Life's Calling™

800-362-2127

Jasper County Career Academy

Class Schedule



600 N. 2ND AVE. W
 NEWTON, IOWA
 641-791-3622

www.DMACC.edu

DMACC
 DES MOINES AREA
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Life's Calling™

JASPER COUNTY CAREER ACADEMY ▶ Newton, Iowa

The courses listed are those offered at DMACC's Jasper County Career Academy for the 2009–2010 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.

Section Times:

- Section 1: 7:30 am–9:30 am
- Section 2: 1:15 pm–3:15 pm

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. Twenty-seven DMACC credits are available upon completion of all DMACC Career Academy course offerings. 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 am or 1:15–3:15 pm

COURSES INCLUDE:

- Year 1: 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)
- Year 2: Refinishing Applications (CRR877)7 credits (Year)
- Plastic Repair (CRR202).....3 credits (Year)
- Advanced Estimating (CRR760)2 credits (Year)

AUTOMOTIVE 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. Twenty-two DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M–F 7:30–9:30 am or 1:15–3:15 pm

COURSES INCLUDE:

- Year 1: Shop Fund. & Minor Service (AUT114)4 credits (1st Sem)
- Auto Electricity/Electronics (AUT615) 4 credits (1st Sem)
- Automotive Engine Repair (AUT163) 3 credits (2nd Sem)
- Year 2: Basic Suspension & Steering (AUT404)4 credits (1st Sem)
- Auto Brake System & Service (AUT 704) 4 credits (1st Sem)
- Advanced Auto Electric (AUT652)..... 3 credits (2nd Sem)

BUILDING TRADES/FINISH CARPENTRY

This program allows students to engage in experiential learning in the areas of Construction and/or Carpentry. Twenty-one DMACC credits are available upon completion of all DMACC Career Academy 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.*

Times available: M–F 7:30–9:30 am or 1:15–3:15 pm

COURSES INCLUDE:

- Year 1: Care/Use Hand/Power Tools (CON336)1 credit (1st Sem)
- Cons. Blueprint Reading (CON337)1 credit (1st Sem)
- Materials/Const. Theory (CON333) 5 credits (2nd Sem)
- Materials Takeoff (CON338)1 credit (2nd Sem)
- Concrete System & Framing (CON346)..... 4 credits (2nd Sem)
- Year 2: Construction Techniques (CON334) 7 credits (2nd Sem)
- Const. Drafting & Design (CON341)..... 2 credits (2nd Sem)

MACHINE OPERATIONS/TOOL & DIE

Students will learn the basics of welding, automation, machining tool operation (CNC), computer-aided drafting and design (CAD), and other workplace skills. Two years of this program are available on an alternating schedule. Twenty-four DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M–F 7:30–9:30 am or 1:15–3:15 pm

COURSES INCLUDE:

- Alternate 1:** Engine Lathe Theory (MFG250)1 credit (1st Sem)
- Engine Lathe Operations Lab (MFG251) 2 credits (1st Sem)
- Mill Operations Theory (MFG260).....1 credit (1st Sem)
- Mill Operations Lab (MFG261) 2 credits (1st Sem)
- Machine Shop Measuring (MFG105)..... 3 credits (2nd Sem)
- Applied Material Processing (CAD240)..... 3 credits (2nd Sem)
- Alternate 2:** Hand & Bench Tools (MFG276).....1 credit (1st Sem)
- Mach. Trade Print Reading I (MFG121)2 credits (1st Sem)
- CNC Mill Theory (MFG330).....1 credit (1st Sem)
- CNC Mill Lab (MFG331) 2 credits (1st Sem)
- CNC Lathe Theory (MGM350)..... 1 credit (2nd Sem)
- CNC Lathe Lab (MGM351)..... 2 credits (2nd Sem)
- Intro to CAD/CAM (CAD139) 3 credits (2nd Sem)

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. *Courses require extended clinical sessions in evenings and/or weekends.**

Times available: TBA

COURSES INCLUDE:

- *Nurse Aide 75 Hours (HSC172) 3 credits
- *Advanced Nurse Aide (HSC182) 3 credits

CRIMINAL FORENSICS

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

Times available: M–F 1:15–3:15 pm

COURSES INCLUDE:

- Intro to Criminal Justice (CRJ100)..... 3 credits (1st Sem)
- Criminal Investigation I (CRJ141) 3 credits (1st Sem)
- Theories of Interviewing (CRJ109)..... 3 credits (2nd Sem)
- Criminal Law (CRJ130) 3 credits (2nd Sem)
- Crime Scene Investigation (CRJ195) 4 credits (Year)

CULINARY ARTS

Through hands-on experience, students are introduced to the scientific principles used in food preparation, the hospitality industry, and fundamentals of dining and sanitation. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M–F 7:30–9:30 am

COURSES INCLUDE:

- Food Preparation I (HCM143)3 credits (1st Sem)
- Food Preparation I Lab (HCM144)3 credits (1st Sem)
- Food Preparation II (HCM152)2 credits (2nd Sem)
- Food Preparation II Lab (HCM153).....2 credits (2nd Sem)
- Sanitation & Safety (HCM100) 2 credits (2nd Sem)