

916 CAREER & TECHNOLOGY CENTER

The Northeast Metro 916 Career and Technical Center is located on Century College's East Campus. Some credits completed by a high school student enrolled at Northeast Metro 916 Career and Technical Center may be applied toward a related college program at Century and other colleges. Students completing a (*certificate program) will gain skills for entry-level jobs in the labor market.

Seniors and students having completed similar elective courses at CHS are given priority when availability is limited.

How to Register

Students interested in attending courses at 916 Career and Tech must register through their counselor at their home school.

For more information, visit www.916careertech.org

AGRICULTURE, FOOD, & NATURAL RESOURCES

9125 & 9126 ANIMAL SCIENCE (1 or 2 year program)

- Provide care for live animals through veterinary examination, health care, first aid, and habitat enrichment.
- Discover the science of animal anatomy, physiology, and genetics through dissections, models, and other hands-on activities.
- Jumpstart a career in veterinary, companion, large animal, or zoological sciences.

R2 College Credit Available, FFA, Career Experiences

9137 & 9138 PLANT SCIENCE & NATURAL RESOURCES

- Get outside and jumpstart a career in MN conservation; gather information about water, soils, forestry, and wildlife.
- Grow your own plants in our greenhouse and design, create, and install sustainable habitats and landscapes
- Make a difference in your community and the world by identifying and solving environmental problems.

R2 College Credit Available, FFA, Scholarships

BUSINESS MANAGEMENT & ADMINISTRATION

9131 & 9132 ENTREPRENEURSHIP, TRAVEL, AND SOCIAL MEDIA MARKETING

- Be the boss, develop an entrepreneurial spirit, and build your own business.
- Tell a story of branding and promotion through video and podcast mediums.
- Design, prototype, and launch advertising sales and public relations campaigns for a wide range of products including travel.

R2 College Credit Available, Career Experiences, Scholarships

ARTS, COMMUNICATIONS, & INFORMATION SYSTEMS

INTERACTIVE TECHNOLOGY CAREERS (1 or 2 year program)

9100 & 9101 1st year—sem 1 & 2

9102 & 9103 2nd year—sem 1 & 2

- Solve real-world technology problems by using high-tech computer repair troubleshooting techniques.
- Experience the power of Python programming to unlock the worlds of cybersecurity, automation software and game development.
- Unleash the power of art and technology to produce eye-catching graphics and animation with Unity, Blender and C# programming.

R3 College Credit Available, Certifications, Scholarships

COSMETOLOGY

9175 & 9176 COSMETOLOGY: GENERAL (1 or 2 year program)

- Express individual creativity by providing a wide range of artistic hair, nail, and skincare services using the latest technology, trends, and name-brand products.
- Network with guest speakers and industry connections.
- Work in a simulated full-service salon and spa while performing services according to industry standards.

R2 MN Cosmetology Board Hours, College Credit Available, Scholarships

9173 & 9174 COSMETOLOGY: NAIL TECHNOLOGY AND ESTHIOLOGY (SKIN) (1 or 2 year program)

- Grow your ability to care for, repair, and beautify skin with salon-quality products.
- Express your creativity & build your skills in nail design and extension using gel and acrylic systems.
- Jumpstart your career with skills to perform eyelash extensions, tinting, facials, body scrubs, waxing, and makeup.

R3 MN Cosmetology Board Hours, College Credit Available, Scholarships

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MEDICAL CAREERS SERIES — COURSE DESCRIPTIONS

(Combine any two of these courses or take alone.)

9157 MEDICAL CAREERS: INTRODUCTION / BASIC LIFE SUPPORT

(Grade level 10 and up. Rigor level 2)

- Explore a variety of high demand, entry level careers in the healthcare industry
- Engage in hands-on activities and learn from individuals in the field
- Develop skills and knowledge for industry certifications such as Basic Life Support

9154 NURSING ASSISTANT

(Grade level 11 and up. Rigor level 3)

- Build the skills and knowledge necessary to provide patient care in health care settings
- Enhance the quality of patients' lives by participating in clinical rotations in long-term care facilities
- Certification determined by Minnesota Department of Health

9155 PHLEBOTOMY / BASIC LIFE SUPPORT

(Grade 12 only- Rigor level 3)

- Build skills to serve a high demand career as a phlebotomist
- Help patients and health care providers through taking blood samples from patients to test for illness and health conditions
- Develop skills and knowledge for Basic Life Support certification
- Students eligible for Phlebotomy certification upon successful completion of program and high school graduation

Sample Yearlong Schedules

Students Interested in Career Exploration and Nursing Assistant Certification

Semester 1 Medical Careers Introduction / Basic Life Support
Semester 2 Nursing Assistant or Mentor Connection

Students Interested in Nursing Assistant and Phlebotomy Certification

Semester 1 Nursing Assistant
Semester 2 Phlebotomy / Basic Life Support (grade 12 only)

ENGINEERING, MANUFACTURING & TECHNOLOGY

9221 & 9222 AUTOMOTIVE TECHNOLOGY (1 or 2 year program)

- Maintain, repair, and fine-tune a wide range of vehicles alongside an ASE Master Technician in a full-service automotive center.
- Utilize the same advanced diagnostic and repair equipment as industry professionals to troubleshoot complex systems.
- Optimize vehicle operation and performance using applied critical thinking and problem-solving.

R3 Certifications, College Credit Available, Paid Internships

9204 & 9205 CONSTRUCTION OCCUPATIONS: STUDENT BUILT HOME (1 or 2 year program)

- Experience the satisfaction of building an upscale residential home from the ground up.
- Operate power tools in carpentry, masonry, plumbing, HVAC, and electrical while working alongside professionals.
- Apply critical thinking to manage construction teams and interpret blueprints.

R2 College Credit Available, Certifications, Scholarships

9206 & 9207 CONSTRUCTION OCCUPATIONS: LICENSED TRADES

- Get hands-on, real-world experience in the licensed trades of plumbing, HVAC, electrical, and solar/renewable energy.
- Fast track yourself by attaining the skills and knowledge that lead to success in post-secondary training or direct entry into the workforce.
- Engage in hands-on activities used in residential, commercial, and industrial settings.

R2 Career Experiences, Certifications, College Credit Available

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9208 & 9209 DIESEL TRUCKS & ENGINE TECHNOLOGY (1 or 2 year program)

- Diagnose, repair, overhaul, and assemble diesel-powered engines for trucks, trains, and power generation equip.
- Utilize the same advanced equipment as industry professionals in this high-demand, high-paying field.
- Network with local employers and training programs.

R2 College Credit Available, Certifications, Scholarships

9152 & 9153 EMERGENCY MEDICAL TECHNICIAN

- Experience the thrill of saving lives in real-world emergency situations where your actions make a difference.
- Perform detailed medical and trauma patient assessments using advanced emergency equipment.
- Engage in ambulance ride-a-longs, 911 call center job shadowing, and auto extrications.

R3 College Credit Available, Competitions, Scholarships

9202 & 9203 AUTOMOTIVE & AUTO BODY CAREERS (1 or 2 year program/ 10th grade & up)

- Jumpstart your future as an auto service, tire, lube, small engines, and auto body (wraps, paintless dent repair, ceramic coating, etc.) technician.
- Experience a real-life automotive shop environment utilizing the same tools and equipment as professionals.
- Explore MIG, TIG, and virtual welding for use with auto body and repair.

R2 Professional Skills, Scholarships, Professional Networking

HUMAN SERVICES

9181 & 9182 CRIMINAL JUSTICE & LAW ENFORCEMENT

- Make a difference by being entrusted to improve community relationships and protect citizens.
- Engage in police ride-a-longs, auto extrications, and community involvement.
- Explore how state and federal laws work to keep people safe and analyze the causes and effects of criminal behavior

R3 Field Experiences, College Credit Available, Scholarships

HEALTH SCIENCES

9150 & 9151 DENTAL CAREERS (12th grade only)

- Develop a passion for educating adults and children on importance of oral health, hygiene, and diet.
- Perform a wide range of dental services including chairside assistance, instrument transfer, and oral impressions.
- Explore careers in this high-demand healthcare field such as orthodontics, oral surgery, and endodontics.

R3 College Credit Available, Certifications, Competitions