



THE PATHWAYS *of*
**The Career
Center**

Pathways Booklet

Connecting Today's Students
with Tomorrows Careers

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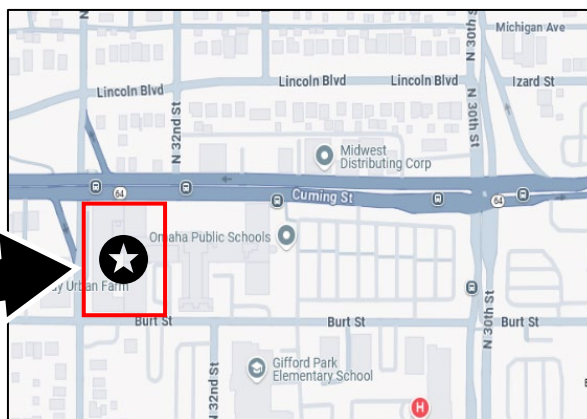
■ What is Career Center?

Career Center is an extension of the OPS high schools. We have 11 career and technical pathways offering industry credentials, workplace learning experiences, college credit, and co-curricular activities for high school sophomores, juniors and seniors who have an interest in exploring a career.

■ Where is Career Center?

Career Center is located at **3230 Burt Street, Omaha, Nebraska 68131**. Career Center occupies the west end of the Omaha Public Schools TAC building.

Ph. 531.299.0330



■ Get on the BUS!

Located off campus, students receive transportation to and from their home high school for all programs except for UNMC High School Alliance and ZOO Academy. Career Center provides opportunities for students from all nine OPS high schools to study technical programs not available elsewhere.



■ OPS Career Center Contact Information

Jeremy Nielsen

Program Director

531-299-9505

jeremy.nielsen@ops.org

Michelle Romano

Staff Assistant

531-299-9666

michelle.romano@ops.org

Brenda Davis

Secretary/Treasurer

531-299-0330

brenda.davis@ops.org

Main Phone:

531-299-0330



Jeremy Nielsen
Program Director

■ OPS Career Center Nursing Contact Information

Rebecca Knutson Kaufman, Nurse

531-299-0293

Rebecca.knutson-kaufman@ops.org



*Our emergency response team includes certified health staff members members

■ Omaha Public Schools High School Directory

Benson High School

531-299-2520

Burke High School

531-299-2580

Bryan High School

531-299-2540

Buena Vista High School

531-299-2900

Central High School

531-299-2660

North High School

531-299-3400

Northwest High School

531-299-2740

South High School

531-299-2780

Westview High School

531-299-3040



■ Introduction and Definitions

Career Center uses the following state and nationally recognized terms to help guide students through the selection of coursework and to support their decision making in preparation for their postsecondary goals.

Career Field:	The six career fields identified by NDE that represent broad sectors of the job market on which students may choose to focus.
Career Cluster:	Each career field is composed of career clusters, the more specific segments of the labor market.
Program of Study:	Sequence of courses as defined by NDE that include career and technical education content.
*Academy:	Sequence of courses as defined by NDE Rule 47 that include a program of study with one or more academic courses, career development programs, career student organization chapter, work-based-learning, a process for student recruitment, qualified instructors, and a local advisory board.

Within each Career Center *Program of Study* the following terms are used to describe coursework and opportunities which align with that career area.

Pathway Courses:	Recommended sequence of courses which provide students opportunities to explore and develop skills within a specified area.
Career Related Activities / CTSOs:	Opportunities for student career exploration and/or skill development which may include Career & Technical Student Organizations (CTSO's) and the involvement of industry partners.
Workplace Learning Experiences (WBL):	Extended education opportunities in which students engage in authentic and relevant work aligned with a career pathway. These experiences allow students to participate in a professional work environment and assist with career skill development.
College Credit:	Opportunities for students to earn high school graduation credit and college credit aligned to a postsecondary degree program (i.e. Dual Enrollment, Credit by Exam, Credit from Experience).
Certifications:	Credentials awarded to students by an independent third-party verifying qualifications or competencies in a career skill area. Industry-recognized certifications are sought by employers as a recognized, preferred or required credential for recruitment, screening, hiring, retention or advancement purposes of their employees.
Program Partners:	Industry and Community partners from trades unions, private companies, or non-profits who are involved and supportive of a respective program.
College Majors:	Concentrations of education study focused on a career area that can lead to an associate, bachelor, master, or doctorate degree.
Careers:	Occupations which usually require training or formal education that are related to each program of study/pathway.

■ Career Pathway Illustration

Career Field

Program of Study

Career Cluster

Pathway Sequence
& Courses

Career Activities /
CTSOs

Workplace Learning
Experiences

Certifications
Available in the
Pathway

College Credit

Health Sciences

Health Sciences

Therapeutic Certificated Services (Basic/Certified Nursing Assistant)

Pathway Sequence

9 th	10 th	11 th	12 th
Freshman Seminar (at home high school)	BNA / CNA *if 16 years old by May	BNA/CNA (if not taken yet) MED AIDE UNMC H.S. Alliance	EMI (senior only) BNA/CNA (if not taken) MED AIDE UNMC H.S. Alliance

*Pathway begins with the BNA / CNA class, students in grades 10-12 can enroll and must be 16 by the end of that year.

Career Related Activities/CTSO's

- Skills USA & HOSA
- Career Center Student Career Plan
- Fall Career Fair
- Spring Hiring & Career Fair
- Health Care Night

Workplace Learning Experiences

- Guest Speakers
- Job Shadows (w/ all partners)
- Field Trips (w/ all partners)
- Methodist Paid Internship
- UNMC High School Alliance
- Employment

Certificates Available

- Certified Nursing Assistant
- CPR
- OSHA Health
- HIPPA
- EMT

College Credit Available

- UNMC High School Alliance – UNO credits

Program Industry Partners

- Methodist
- One World Health
- UNMC
- Nebraska Medicine
- VA Hospital
- QLI
- Clarkson College
- Dial Health
- Florence Home
- Children's
- Nebraska Medicine
- Hillcrest
- Emerald Health
- Jewish Home
- MCC
- Brookstone

Careers & Potential Earnings

- CNA: \$29,000
- Registered Nurse: \$73,000
- Physician Assistant: \$112,000
- Paramedic: \$63,000
- Physical Therapist: \$89,000
- Occupational Therapist: \$85,000
- Nurse Practitioner: \$115,000
- Physician: \$210,000 +
- Nurse Anesthetist: \$115,000
- LPN: \$47,000
- Medical Assistant: \$34,000
- Diagnostic Medical Sonographer: \$68,000

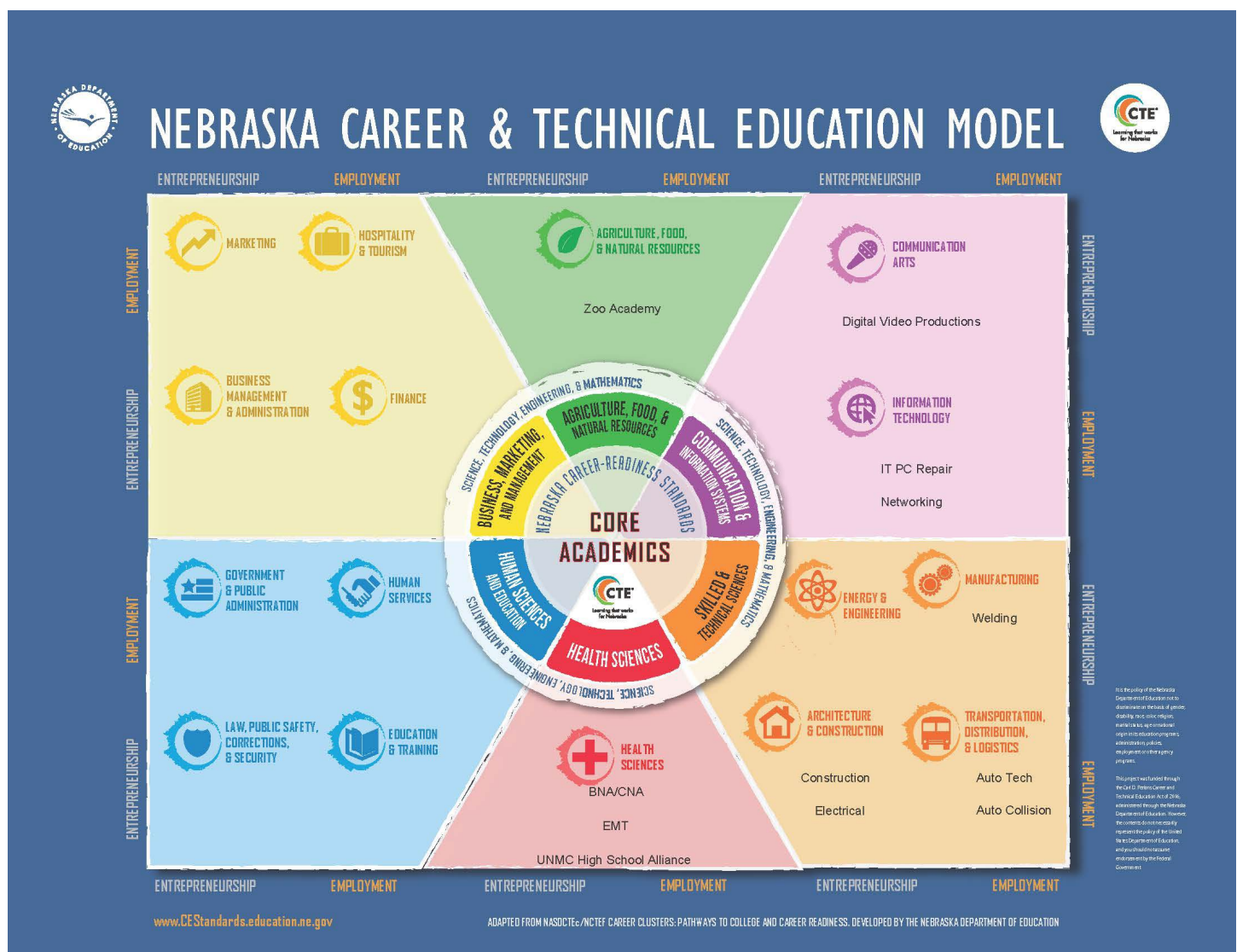


Program
Partners

Careers

■ NDE Career Fields, Clusters, and Pathways Alignment

Caree Center offers 11 Pathways aligned to the Nebraska Career Education Model. In the below graphic, you'll see our Pathways listed in the NDE Career Fields they are aligned with.



THE PATHWAYS of
The Career
Center



■ Career Center's Fields, Clusters, & Programs of Study

The following Career Center Programs (Pathways) are available to students at all OPS High Schools and fall within the below-listed Career Fields.

Health Sciences

Health Sciences Pathway

This program is available to students who are committed to pursuing a career in the Therapeutic Certificated Services fields. Students participate in coursework that provides access to industry certifications and workplace learning experiences.

**Basic / Certified Nursing Assistant (B/CNA)
Emergency Medical Technician (EMT)**

UNMC High School Alliance

Skilled & Technical Sciences - Trades

Construction Pathway

This program is available to students who are committed to pursuing a career in the Construction trades. Students participate in coursework that provides access to early college credit, industry certifications, and workplace learning experiences.

**Construction Pathway
Electrical Pathway**

Manufacturing Pathway

This program is available to students who are committed to pursuing a career in Welding or the trades. Students participate in coursework that provides access to early college credit, industry certifications, and workplace learning experiences.

Welding Pathway

Transportation, Distribution, & Logistics / Automotive Pathway

This program is available to students who are committed to pursuing a career in the Automotive Industry. Students participate in coursework that provides access to early college credit, industry certifications, and workplace learning experiences.

**Automotive Technician Pathway
Automotive Collision Repair Technician Pathway**

Communications & Information Systems

Information Technology Pathway

This program is available to students who are committed to pursuing a career in the PC Repair, Networking, and Computer Technician industries. Students participate in coursework that provides access to early college credit, industry certifications, and workplace learning experiences.

IT Operations Management - Networking

Arts A/V Technology & Communications Pathway

This program is available to students who are committed to pursuing a career in the Automotive Industry. Students participate in coursework that provides access to early college credit, industry certifications, and workplace learning experiences.

Digital Video Production

■ Career Center Cooperative Education Programs

The following Cooperative Education Programs and Academies are available to all OPS students. Students must apply for these programs. Classes are located on the campus of these Career Center partners. Students must provide their own transportation.

Zoo Academy

Learn alongside Zoo Professionals & Animals!



Any OPS students can apply for the Zoo Academy at Omaha's Henry Doorly Zoo & Aquarium Education Center. This half-day program (morning or afternoon) allows students to explore careers relating to life sciences through two authentic STEM pathways. Credits earned count towards graduation. Transportation is the student's responsibility.

Animal Science Pathway

Conservation Research Pathway

**Applications taken annually in the fall semester: <http://www.omahazoo.com/zooacademy>*

UNMC High School Alliance



Learn alongside UNMC Medical Doctors and Researchers!

Any OPS students can apply for the UNMC Health Alliance at the UNMC University of Nebraska Medical Center Main Campus. This half-day program (afternoon) allows students to explore careers relating to the health sciences. Credits earned count towards graduation. Transportation is the student's responsibility.

**Applications taken annually in the spring semester:*

Benchmark Outcomes

What can students get out of Career Center Pathways?

■ Graduation Credits (Elective and Core)

Career Center's continuous school improvement plan focuses on increasing student engagement and student achievement. Passing classes results in earning credits, earning credits results in graduating high school. Hands-on learning experiences in the trades, IT, and health pathways support students successfully earning credits towards graduation.

■ Student Career Plan

Career Center is deliberate in ensuring each student has a career and college plan. The student career plan includes goal setting, resume building, interview prep / mock interviews, and networking. A clear roadmap with employability skills supports success in achieving the OPS Portrait of a Graduate.

■ Industry Certifications / Credentials

Career Center pathways provide students access to earn industry certifications, credentials and licenses. Completion of industry and postsecondary certifications are key success indicators that students possess critical technical skills and can enter the workforce.

■ Workplace Learning Opportunities / Work Based Learning

Work-based Learning connects learners with employers to prepare for success in the ever-changing workplace. These planned experiences, such as internships, apprenticeships, or college academies, create a "SYOP" (senior year only program) opportunity for **pathway concentrators** that enable students to acquire skills in a real or simulated work setting. As part of the SYOP, students can pipeline into Metropolitan Community College's MCC Career Academies that occur on the MCC Campus.

■ Dual Enrollment College Credit

Career Center pathways and Core/Academic course offerings provide students access to early college dual enrollment credit. Curriculum in Career Center pathways is aligned with postsecondary to give students a jump start when they go to college. Students who successfully earn college credit are "college ready" and research shows they are more successful over the course of their lifetime than peers who don't earn college credit.

■ Career Technical Student Organizations (CTSO)

Career Center offers **Skills USA** and **HOSA** as our career and technical student organizations. These organizations provide students the opportunity to compete in state and national content competitions, attend leadership conferences, and connect with industry or colleges.

Course Listing

What are the course names and ID numbers?

■ OPS Course Title / Course ID

Career Center Courses

Auto Technology 1	170611
Auto Technology 2	170612
Auto Technology 3	170621
Auto Technology 4	170622
Auto Collision Repair 1	170661
Auto Collision Repair 2	170662
Auto Collision Repair 3	170681
Auto Collision Repair 4	170682
Construction 1	180391
Construction 2	180392
Construction 3	180401
Construction 4	180402
Electrical Systems Tech 1	170761
Electrical Systems Tech 2	170762
Electrical Systems Tech 3	170771
Electrical Systems Tech 4	170772
Digital Video Production 1	132211
Digital Video Production 2	132212
Digital Video Production 3	132221
Digital Video Production 4	132222
IT Essentials PC Repair 1	132241
IT Essentials PC Repair 2	132251
Cisco Intro to Networks	132281
Cisco Routing & Switching	132282
Welding 1	171161
Welding 2	171171
Welding 3	171181
Welding 4	171191
Emergency Medical Technician	74101/2
Basic/Certified Nursing Assistant	74121/2
Internship (TRNSP INTRN)	188801

UNMC High School Alliance Courses

UNMC H Intro to Pharmacy	063532
UNMC H Intro to Behavioral Health	063212
UNMC H Bio & Prev. Cancer	063542
UNMC H Genetics	063152
UNMC H Biomedical Research	063201
UNMC H Exp. Human Anatomy	063502
UNMC H Study of Patient Care	063521
UNMC H Infectious Diseases	063111
UNMC H Pathology	063121
UNMC H Dimensions Community Health	063131
UNMC H Science Seminar	060871/2
UNMC H Medical Imaging	063161
UNMC H Med. Decision Making	063602

ZOO Academy Courses

Zoo H Zoo Partnership	061631/2
Zoo Animal Care Experience	061641/2
Zoo H Vet Science	060691/2
Zoo Vet Science Work Experience	061711/2
Zoo H Environmental Science	060371/2
Zoo H Genetics	063152/2
Zoo Intro to Research	040501/2
Zoo H Zoo Research	061411/2
Zoo Independent Study	061441/2
Zoo H Comparative Anatomy	061421/2
Zoo Sociology	030531
Zoo Psychology	030491
Zoo H. Environmental English Sr	10491/2
Zoo H Biogeography	031051/2
Zoo American Government	030251
Zoo International Diplomacy	030212
Zoo Operations (11 th)	061621/2
Conservation Service Learning (12 th)	061611/2

Bell Schedule

When do Career Center classes meet? How long?

- Classes follow the A Day / B Day schedule in the home high schools and students attend every other day.
- Career Center class periods are extended block, half-days in either a.m. or p.m. sessions.
- The extended block classes are 2 ½ hours long and allow for deeper, hands-on learning in lab/shop environments. Instructional staff use a variety of differentiation strategies with appropriate breaks to ensure active participation and student engagement.

Bell Schedule

Block 1 (am): 8:15 – 10:30am

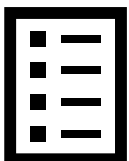
Block 2 (pm): 12:00 – 2:15pm

Student Lunch

Students' home high schools serve them lunch either prior to or after coming to Career Center.

Career Plan

All students will have a Career Plan by the end of their time at Career Center. The Student Career Plan includes three important elements:



Career Interest Form



Resume



Mock Interview

Partnerships = student employment opportunities!

Our Partners provide guest speakers, field trips, job shadows, simulations, paid internships, apprenticeships, and sponsorships! Join our network!



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THE PATHWAYS of
The Career
Center



Career Pathways

Career & College Promise

Health Sciences

This pathway prepares students for a wide range of careers in the health sciences field. Possible careers range from certified nursing assistants and emergency paramedic to nursing, pharmacy, or physician.



Basic Nursing Assistant (B/CNA)
Emergency Medical Technician
UNMC High School Alliance



Who: Any OPS student interested in careers in the Healthcare and Health Science fields.

What: Focused pathways aligned to industry standards, workforce entry, and community/technical/four-year college institutions.

Where: OPS Career Center | 3230 Burt Street



Certified Nursing Assistant

Career Center's CNA pathway prepares students for a high demand career in Nursing through immersion in multiple aspects of the art and science of healthcare. Students complete the requirements for the State of Nebraska Certified Nursing Assistant Certification, can earn CPR certification, and OSHA Health certification.

Health Sciences



Health Sciences – BNA/CNA

Therapeutic Certificated Services (Basic/Certified Nursing Assistant)

*Pathway begins with the BNA/CNA class, students in grades 10-12 can enroll and must be 16 by the end of that year.

Pathway Sequence (Ideal sequence is below, **students can enroll BNA/CNA in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	BNA / CNA *if 16 years old by May	BNA/CNA (if not taken yet) MED AIDE UNMC H.S. Alliance	EMT (senior only) BNA/CNA (if not taken) MED AIDE UNMC H.S. Alliance

Career Related Activities/CTSO's

- Skills USA & HOSA
- Career Center Student Career Plan
- Fall Career Fair
- Spring Hiring & Career Fair
- Health Care Night

Workplace Learning Experiences

- Guest Speakers
- Job Shadows (w/ all partners)
- Field Trips (w/ all partners)
- Methodist Paid Internship
- UNMC High School Alliance
- Employment

Certificates Available

- Certified Nursing Assistant
- CPR
- OSHA Health
- HIPPA
- EMT

College Credit Available

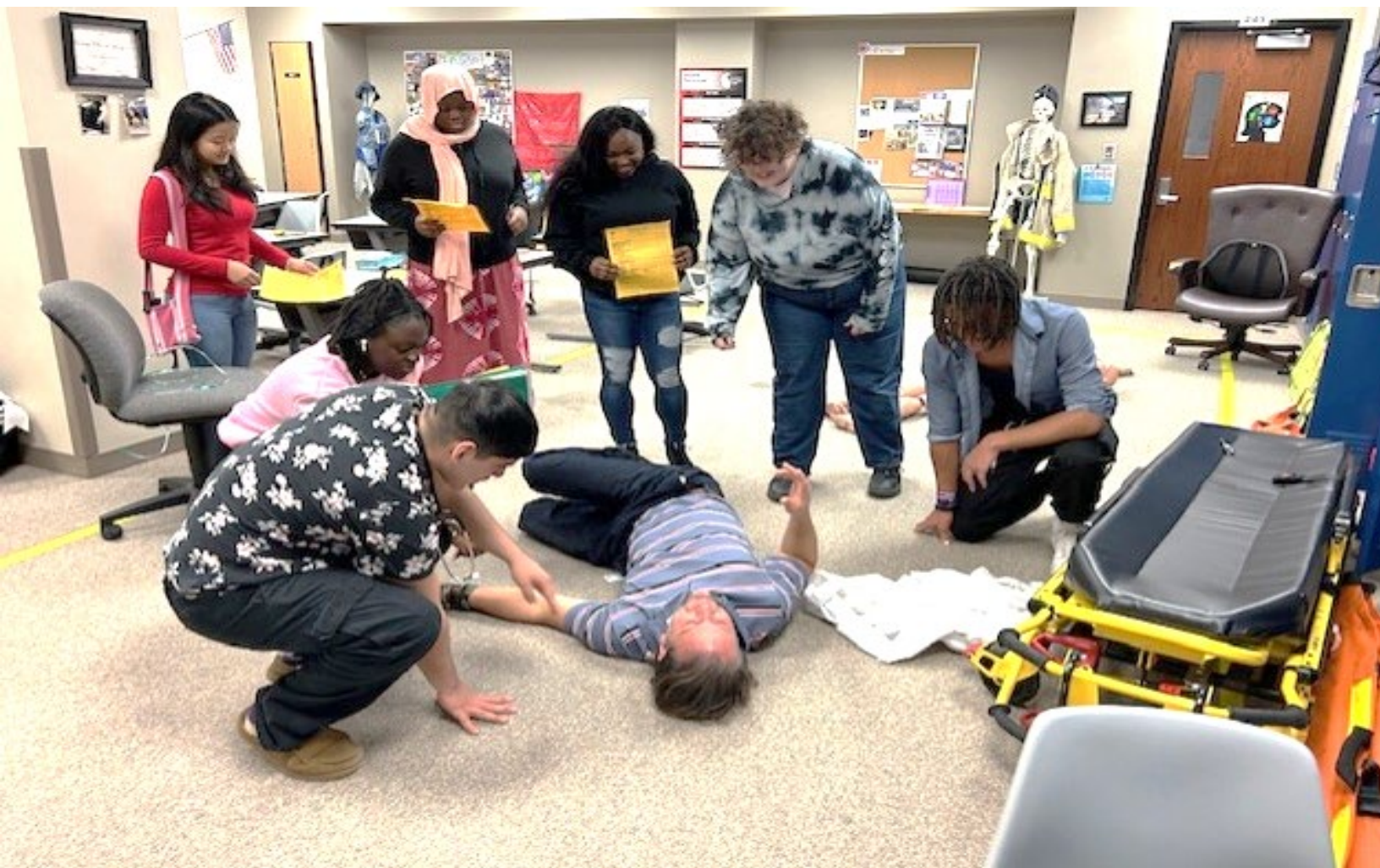
- UNMC High School Alliance – UNO credits

Program Industry Partners

- Methodist
- One World Health
- UNMC
- Nebraska Medicine
- VA Hospital
- QLI
- Clarkson College
- Dial Health
- Florence Home
- Children's
- Nebraska Medicine
- Hillcrest
- Emerald Health
- Jewish Home
- MCC
- Brookstone

Careers & Potential Earnings

- CNA: \$29,000
- Registered Nurse: \$73,000
- Physician Assistant: \$112,000
- Paramedic: \$63,000
- Physical Therapist: \$89,000
- Occupational Therapist: \$85,000
- Nurse Practitioner: \$115,000
- Physician: \$210,000 +
- Nurse Anesthetist: \$115,000
- LPN: \$47,000
- Medical Assistant: \$34,000
- Diagnostic Medical Sonographer: \$68,000



EMT (Emergency Medical Technician)

Career Center EMT pathway students gain essential life saving techniques critical for a career in emergency medicine. Students complete the requirements for a CPR Certification and the National Registry EMT license. Assessing, stabilizing, and transporting patients during critical experiences occurs with certified professionals!

Health Sciences

Health Sciences - EMT

Therapeutic Certificated Services (Emergency Medical Technician)

EMT is a senior year course (12th grade only) due to the National Registry requirement that students must be 18 years of age to sit for the exam



Pathway Sequence

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	BNA / CNA *if 16 years old by May	BNA/CNA (if not taken yet) MED AIDE UNMC H.S. Alliance	EMT (senior only) BNA/CNA (if not taken) MED AIDE UNMC H.S. Alliance

Career Related Activities/CTSO's

- Skills USA & HOSA
- Career Center Student Career Plan
- Career Fair
- Health Care Nights
- Job Shadowing / Ride Alongs

Workplace Learning Experiences

- DHHS
- UNMC High School Alliance
- Health Internships
- Health Careers Opportunity Program (HCOP)
- Fire Department "ride along"
- Job Shadowing UNMC
- Cadaver Lab
- Research Labs

Certificates Available

- EMT
- CPR
- OSHA Health

College Credit Available

- UNMC High School Alliance only - UNO

Program Industry Partners

- EMS Training Zone
- Omaha Fire Dept. / City of Omaha
- MCC
- One World Health
- Methodist
- UNMC
- Nebraska Medicine
- DHHS

Careers & Potential Earnings

- Firefighter: \$59,000
- Paramedic: \$63,000
- EMT: \$35,000
- CN: \$29,000
- Registered Nurse: \$73,000
- Physician Assistant: \$112,000
- Physical Therapist: \$89,000
- Occupational Therapist: \$85,000
- Nurse Practitioner: \$115,000
- LPN: \$47,000
- Medical Assistant: \$34,000
- Diagnostic Medical Sonographer: \$68,000



UNMC High School Alliance

Cooperative Program



Who: Any OPS student grades 11 and 12.

What: A half-day program (afternoon only 1:00 – 3:00) that allows students to explore careers relating to healthcare sciences through many authentic healthcare pathways at UNMC Campus. Credits earned count towards high school graduation as honors classes.

Where: UNMC Main Campus, 42nd & Emile Street. Transportation is the student's responsibility – NO transportation is provided to or from UNMC by Omaha Public Schools.

How to Apply:

Application: <https://www.unmc.edu/alliance/admissions/apply.html>

You will need to create an account in order to access the online application. Please contact UNMC High School Alliance program at 402-559-3027 or email at unmchsalliance@unmc.edu

ELIGIBILITY – You MUST

- Be a junior or senior and at least 16 years of age at the beginning of the school year.
- Have completed and received a grade of “B” or above in Algebra 1, Biology, a physical science course, and a third year of science.
- Obtain parent/guardian permission
- Be on track for graduation
- Complete an in-person interview.

Completed applications must contain the following:

- Essay
- Application form
- Parent/Guardian permission of your most current school transcripts (see high school counselor)
- Counselor's Certification Form
- Two (2) references – 1 math/science teacher and 1 from any other teacher/administrator



Health Sciences



Health Sciences

UNMC High School Alliance

Pathway Sequence (11th or 12th graders only)

9th Freshman Seminar @ home high school	10th BNA / CNA @ Career Center	11th UNMC H.S. Alliance	12th UNMC H.S. Alliance Stellar Senior Seminar EMT @ Career Center BNA / CNA @ Career Center
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UNMC High School Alliance offers a wide variety of specialized Honors courses for students. This program meets daily Monday – Friday from 12:30–3:00pm on the UNMC Campus at 42nd and Dewey Street. Students must provide their own transportation.

Class Offerings include:

- Pathology
- Community Health
- Study of Patient Care
- Infectious Disease
- Medical Imaging
- Biomedical Research
- Genetics
- Biology and Prevention of Cancer
- Art & Science of Decision Making
- Behavioral Health
- Introduction to Pharmacy
- Exploration of Human Anatomy

Career Related Activities/CTSO's

- HOSA

Workplace Learning Experiences & Partners

- UNMC Professionals/Professors
- Job Shadows
- Field Trips
- UHOP/RHOP

College Credit Available

UNO

- Foundations of Public Health (UNO)

College Majors (examples)

- Bachelors of Science in Nursing
- Biomedical Laboratory Science
- Medical Humanities
- Bachelor of Science in medical Laboratory Science
- Bioinformatics
- Biomedical Informatics
- Biology/Chemistry

Careers & Potential Earnings (examples)

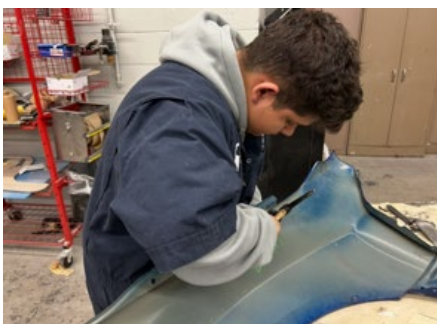
- Medical Doctor, \$150,000+
- Registered Nurse, \$73,000
- Medical Laboratory Scientist, \$53,000+
- Occupational Therapist, \$84,900
- Pharmacist, \$128,000
- Physical Therapist, \$89,000



Skilled & Technical Sciences

Pathways

Auto Technician
Auto Collision Repair
Construction
Electrical
Welding



Who: Any OPS student interested in careers in the Skilled Trades.

What: Focused pathways aligned to industry standards, workforce entry, and community/technical/four-year college institutions.

Where: OPS Career Center | 3230 Burt Street



| Automotive Technology

Career Center's Automotive Technology pathway prepares students to work on domestic and foreign cars/trucks in a high-tech precision industry. Students use the same advanced diagnostic equipment, tools, and technology as industry professionals. Learn from ASE certified technicians and take advantage of industry apprenticeship and college credit opportunities.

Skilled and Technical Sciences

Transportation, Distribution and Logistics



TDL – Automotive Technician

Pathway Courses (Ideal sequence is below, **students can enroll in Auto Tech 1-2 in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Automotive Tech 1 Automotive Tech 2	Automotive Tech 3 Automotive Tech 4	Internship MCC Career Academy Auto Collision 1-2

Automotive Tech provides students with fundamental technical skills for the MLR (maintenance light repair) level of technician services so they can enter the workforce. Safety, engine systems, lubrication systems, brakes, electrical systems and steering/suspension are covered in 1-2. Alignment, advanced electrical, advanced brakes, and diesel are covered in 3-4.

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Fall Career Fair
- Spring Hiring & Career Fair
- Auto Industry Night / Ford Day

Workplace Learning Experiences

- Guest Speakers
- Field Trips
- Apprenticeship (H&H)
- Paid Internships w/ all partners
- Employment (Sponsorships) w/ all partners
- Sponsorships (job & paid college)

Certifications

- S/P2 Safety Automotive Tech Certification
- NC3 Digital Mult-Meter Certification
- NC3 Torque
- NC3 Brakes
- NC3 Hand Tool Safety
- NC3 Electrical
- NC3 Alignment
- Ford Asset

Program Industry Partners

- Baxter Auto
- Jensen Tire & Auto
- Beardmore Auto
- Woodhouse Auto Family
- Edwards Auto
- Advance Auto Parts
- H & H Auto Family
- Gregg Young Auto
- Werner Enterprises
- RDO / Mack Trucking
- AgriVision/John Deere
- MH Equipment

College Majors

- Automotive Technology (ATMAS)
- Automotive Technician Assistant (ATTCC)
- TTEN Applied Science (TTAAS)

Careers & Potential Earnings

- Mechanic / Technician \$42,090
- Service Manager \$50,150
- Service Writer \$35,529
- Automotive Parts Counter \$14.36 hr
- Lot Porter \$17,000
- Repair Facility Assistant Manager \$45,504
- Transmission Assembly Tech \$19.61 hr
- Automotive Educator \$57,917





| Automotive Collision Repair

Career Center's Automotive Collision Repair pathway develops skills and techniques used by professionals in assembly, disassembly, and non-structural repair. Students demo a car, repair/replace/remove auto body parts, and create professional paint finishes.

Skilled and Technical Sciences

Transportation, Distribution and Logistics



TDL – Automotive Collision & Repair Technician (Auto Body)

Pathway Courses (Ideal sequence is below, **students can enroll in Auto Collision 1-2 in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Auto Collision 1 Auto Collision 2	Auto Collision 3 Auto Collision 4	Internship MCC Career Academy Auto Tech 1-2 or Welding 1-2 @ CC

Auto Collision focuses on non-structural repair techniques, specialized welding, and paint / refinishing.

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Fall Career Fair
- Spring Hiring / Career Fair
- Industry Nights

Workplace Learning Experiences

- Guest Speakers
- Field Trips w/ all partners
- Paid Internships
- Employment (Sponsorships) w/ partners
- Real World Simulations

Certificates Available

- SP/2 Safety Certification
- iCAR Academy Badges

Program Industry Partners

- Gregg Young Auto
- Werner Enterprises Collision
- B Street Collision Center
- ICAR
- MCC Auto Collision

College Majors

- Automotive Collision Technology (ABAS1) – MCC
- Auto Collision Repair A.A.S

Careers & Potential earnings

- Auto Body Technician (\$20.87 hr)
- Estimator Technician (\$20.32 hr)
- Disassembly Technician (\$20.32 hr)
- Paint Specialist
- Street Rod / Auto Restoration Tech
- Welder
- Sales Representative





Construction

Career Center Construction pathway students operate a wide range of hand and power tools for residential and commercial building projects. Work alongside professional mentors from architecture, construction, and engineering fields while earning industry certifications and college credit!

This pipeline leads to the Carpenter's Union directly to the workforce!

Skilled and Technical Sciences

Architecture and Construction

Construction



Pathway Sequence (Ideal sequence is below, **students can enroll in Construction 1-2 in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Construction 1 Construction 2	Construction 3 Construction 4	Internship MCC Career Academy Electrical @ CC

Construction Pathway focuses on residential house building, students earn college credits and an OSH10-Hour safety certification.

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Fall Career Fair
- Spring Hiring Career Fair
- Industry Nights
- MCC Construction Day
- Builders of the Future

Workplace Learning Experiences & Partners

- Guest Speakers
- Field Trips
- Habitat for Humanity House Build
- Blair Freeman House Build
- Paid Internships
- Employment
- Sponsorships (Job & paid college)

College Credit Available

- MCC CNST 1050, 1360, 1370

Industry Certifications

- OSHA 10-hour General Construction

Program Industry Partners

- Carpenters Union 427
- Bricklayers Local 15
- Habitat for Humanity
- Plumbers 16, Masons 538, Allied Trades 109
- NFM Flooring Dept.
- JE Dunn Construction
- PML Construction
- Turner Construction
- Roloff Construction
- Construction
- Jerry Kesler Constr.

College Majors (examples)

- Construction Management
- Construction Technology
- Skills and Technical Sciences
- Electrical Technology

Careers & Potential Earnings/Median Salary

- Carpenters \$48,330 /\$23.24 hourly
- Line Installers/Repairers \$65,700/\$31.59 hourly
- Const Equipment Operator \$48,160/\$23.16 hourly
- Const. Management \$95,260/\$45.80 hourly
- Const. Laborers \$36,000/\$17.31 hourly
- Electrician \$56,180 /\$27.01 hourly
-



| Electrical Systems

Career Center's Electrical Systems pathway students advance with industry recognized skills through the Omaha Joint Electrical Apprenticeship and Training Committee program with IBEW, NECA, and Building Omaha. Students install electrical fixtures according to blueprints and complete residential and commercial wiring projects.

This pre-apprenticeship program pipelines to IBEW & OJEATC.

Skilled and Technical Sciences

Architecture and Construction

Electrical Systems



Pathway Sequence (Ideal sequence is below, **students can enroll in Electrical 1-2 in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Electrical 1 Electrical 2	Electrical 3 Electrical 4	Internship MCC Career Academy Construction @ CC

Electrical Pathway is a pre-apprenticeship where students focus on residential and low voltage electrical wiring.

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Career Fair / Speaker Series
- Career Center Adulting 101 Event
- District Career Days/Nights
- MCC Construction Days
- Builders of the Future

Workplace Learning Experiences & Partners

- Internship to Apprenticeship
- Guest Speakers
- Field Trips
- Real World Experiences
- Paid Internships

Certificates

- OSHA 10-hour general construction

Program Industry Partners

- IBEW/ NECA / OJEATC
- Building Omaha
- Miller Electric
- Kidwell
- P1
- A1 United HA&E
- Interstates
- OPPD
- Conductix Wampfler
- OPPD

College Majors (examples)

- Electrician
- Electrical Engineering
- Electrical Technology
- Construction Management

Careers & Potential Earnings/Median Salary

- Electrician \$56,180 /\$27.01 hourly
- Carpenters \$48,330 /\$23.24 hourly
- Line Installers/Repairers \$65,700/\$31.59 hourly
- Const Equipment Operator \$48,160/\$23.16 hourly
- Const. Management \$95,260/\$45.80 hourly
- Const. Laborers \$36,000/\$17.31 hourly



Nebraska
CHAPTER





Welding

Career Center's Welding pathway prepares students to apply welding techniques to join, cut, or manipulate metal. Develop a wide variety of techniques for high wage, high demand careers in welding. Experience hands-on instruction and the opportunity to work with high grade equipment like a water jet cutter!

Skilled and Technical Sciences

Manufacturing

Welding & Fabrication



Pathway Courses (Ideal sequence is below, **students can enroll in Welding 1-2 in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Welding 1 Welding 2	Welding 3 Welding 4 / Fabrication	Internship MCC Career Academy Auto Collision or other class @ CC

Welding Pathway has a registered apprenticeship opportunity if students enroll as 10th

Career Related Activities/CTSO's

- Skills USA
- Career Center Student Career Plan
- Fall Career Fair
- Spring Hiring / Career Fair
- Industry Night
- MCC Manufacturing Day

Workplace Learning Experiences

- Guest Speakers
- Industry Field Trips
- Paid Internship
- Registered Apprenticeship
- Employment / Sponsorships

Certifications Available

- S/P 2 Welding Safety
- Pre AWS

Program Industry Partners

- Lozier Corporation
- Valmont
- Drake Williams Steel
- Matheson
- Union Pacific
- Conductix Wampfler
- Fiserv
- Tyson
- Sheetmetal 3
- Ironworkers 21
- IUOE 571
- Waldinger
- Steamfitters 474
- Titan Machinery
- CLAAS

College Majors

- Welding Technology, Associate Degree (WEAAS)
- Industrial Engineering & Manufacturing
- Manufacturing Management

Careers & Potential Earnings/ Median Salary

- **Welder**- \$42,490 or \$20.43 per hour
- **Boilermakers**- \$63,100 or \$30.34 per hour
- **Pipe Fitter**- \$55,160 or \$26.52 per hour
- **Steamfitter**- \$55,160 or \$26.52 per hour
- **Ironworker**- \$53,650 or \$25.79 per hour
- **Sheetmetal Worker**- \$50,400 or \$24.23 per hour





Communication & Information Systems

Pathways

**IT PC Repair & Networking
Digital Video Productions**





IT PC Repair & Networking

Career Center's IT PC Repair and Networking pathway prepares students for a career in the diverse field of information technology. Earn CompTIA A+ and Network+ certifications. Troubleshoot, diagnose, and repair personal computers, networks, and security apparatus. Take advantage of the early college credit with Metropolitan Community College!

Communications & Information Systems

Information Technology

Information Technology



Pathway Sequence (Ideal sequence is below, **students can enroll in IT PC Repair in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	IT PC Repair 1 IT PC Repair 2	CISCO Networking 1 CISCO Networking 2	MCC Career Academy Internship

Students have the opportunity to earn a Certificate of Achievement through MCC with the dual credit earned.

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Fall Career Fair / Speaker Series
- Spring Hiring Career Fair
-

Workplace Learning Experiences & Partners

- Guest Speakers
- Field Trips
- Industry Job Shadows / Virtual Tours
- MCC Career Academy

College Credit Available

- MCC INFO 1105, 1125
- MCC INFO 1200, 1201

Program Industry Partners

- OPS Information Management Service (IMS)
- MCC INFO
- Google

College Majors (examples)

- Associate Degree in Applied Science (Information Technology) - MCC
- Bachelor of Science in Computer Science - UNO
- Bachelor of Science in It Innovation - UNO
-

Careers & Potential Earnings

- PC Repair Technician - \$
- Network Specialist - \$
- Server Administrator - \$
- Help Desk Tech - \$





■ Digital Video Production

Career Center's Digital Video Production students operate specialized equipment to create professional video and film productions. This pathway focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content. Students can earn an industry certification for editing software.

Communications & Information Systems



Communication Arts

Digital Video Production

Pathway Sequence (Ideal sequence is below, **students can enroll in DVP in grades 10-12**)

9 th	10 th	11 th	12 th
Freshman Seminar @ home high school	Digital Video 1 Digital Video 2	Digital Video 3 Digital Video 4	Internship MCC Career Academy

Career Related Activities/CTSO's

- Skills USA
- Career Center – Student Career Plan
- Fall Career Fair
- Spring Hiring /Career Fair
- Guest Speakers

Program Industry Partners

- OPS District Communications
- UNO Communication & Media Dept.
- Day Cloud Studios

Workplace Learning Experiences

- Field Trips
- Real World Simulations
- Industry Production Projects

College Majors

- Video/Audio Communication Arts (VAAAS) - MCC
- Bachelor of Arts – Theatre - UNO
- Bachelor of Fine Arts – UNL

Industry Certifications

- G-Matrix Adobe Premiere Pro Certification

Careers & Potential Earnings

- Videographer
- Social Media Content Producer
- Branding Specialist
- Design / Technical Producer



Zoo Academy

Cooperative Program



Who: Any OPS junior or senior.

What: A half-day program (morning or afternoon – 7:50-10:55) that allows students to explore careers relating to life sciences through two authentic STEM pathways at Omaha's Henry Doorly Zoo & Aquarium Education Center. Credits earned count towards graduation.

Where: Omaha Henry Doorly Zoo Education Center. Transportation is the student's responsibility – NO transportation is provided to or from Zoo Academy by Omaha Public Schools.

How to Apply:

Application: <http://www.omahazoo.com/zooacademy>

The entire application must be completed in order to be accepted.

The entire application must be completed in one session, you can't save and return later.

BEFORE you start the application:

Have email addresses for three (3) references – 2 teachers and a third adult

Parent/Guardian consent and information (name, email, phone number)

Personal Information (address, student ID number, GPA, school issues student email address)

Counselor's information (Home High School and/or Career Center Counselor)

List of any of the following:

- School or Community activities
- Honors/awards
- Relevant / related coursework taken at school or through other organizations
- Volunteering or special training
- Career Interests

ESSAY Portions

Type out your essays beforehand in a document you can save. Then you can copy and paste them into the application. You must answer both essay questions:

- In 300-500 words, explain why you are applying for Zoo Academy and how participating in this program will benefit your future career plans.
- In 300-500 words, identify and explain the conservation issue that is most important to you.

For more information:



Zoo Academy @ Omaha Henry Doorly Zoo

Zoo Academy

9th Freshman Seminar @ home high school	10th Natural Science courses @ home high school	11th Zoo Academy	12th Zoo Academy – Senior Shadowing.
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Zoo Academy is for 11th and 12th grades only. Zoo Academy offers two pathways (Animal Science & Conservation) with a wide variety of specialized courses for students. This program meets daily Monday – Friday in an am/pmschedule at the Daughtery Education Center on the Omaha Henry Doorly Zoo campus at 3701 S10th Street. Students must provide their own transportation.

Class Offerings include:

- Zoology
- Comparative Anatomy
- Genetics
- Biogeography
- Behavioral Science
- US Gov. / Intl. Relations
- Animal Care Experience
- Veterinary Science
- Veterinary Science Experience
- Envir. Science / Ecology
- Environmental Literature
- English 5/6
- Intro to Research
- Advanced Research
- Zoo Operations
- Conservation Service Learning
- Algebra 3/4
- PreCalc-Trig 1/2

Workplace Learning (Shadowing) Experiences

- Zoo Grounds Visits
- Guest Speakers
- Field Trips
- Zoo Shadowing
- Vet Science Internship
- Employment at Zoo

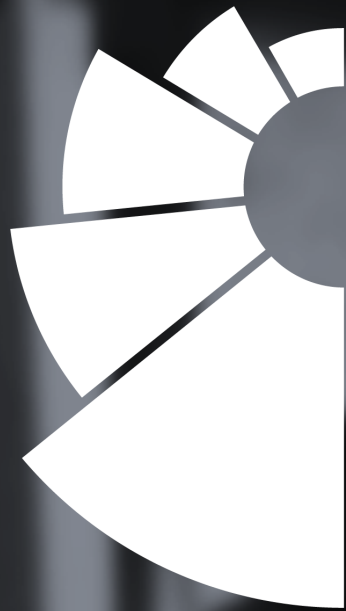
Careers & Potential Earnings

- Veterinarian \$50 – 75,000
- Veterinary Technician \$30 – 45,000
- Nutritionist \$60,000 – 80,000
- Wildlife Mgmt / Ecologist - \$60,000
- Zoo Keeper \$30 – 50,000
- Conservationist -

Zoo Shadowing Experience

- Veterinary Clinic Settings such as:
 - VCA
 - Papillion Animal Hospital
 - Nebraska Humane Society
 - Ralston Vet Clinic
 - Langley Animal Hospital
- Behind the Scenes Job Shadowing on Zoo Grounds in areas such as
 - Aquarium
 - Hoofstock (giraffe / antelope)
 - Meadowlark
 - Dome Reptiles
 - Sea Lions
 - Wild Kingdom Pavilion
- Research





THE PATHWAYS *of*
The Career
Center



Every Student. Every Day. Prepared for Success.