

A COMMUNITY PARTNERSHIP

Northland Advanced Career Studies is offered, in part, through the generosity and vision of the Northland business community. Most notable are the charter business partners who will host and help facilitate student learning in the first year of Northland Access's programming.

Cerner Corporation

Charter partner of the Computing and Technology track



Cerner is contributing to the systemic change of health and care delivery. For more than 30 years, Cerner has been executing its vision to make health care safer and more efficient by integrating technology. Cerner systems are used by individual consumers, single-doctor practices, hospitals, employers and entire countries.

Information Technology and Computer Science skills used to develop Cerner software remain one of the workforce's most highly sought after skillsets; to date, the jobs available in this industry outnumber the graduates who can fill these roles.

Ford Motor Company

Charter partner of the Advanced Manufacturing track



Kansas City is home to one of Ford Motor Company's largest manufacturing plants in the United States. Employing over 4,400 people, the KC Assembly Plant produces several popular Ford models, including the F-150, the Escape, the Mercury Mariner and the Mazda Tribute.

Technology has transformed the work done in manufacturing and the highly-skilled work that takes place at Ford's Assembly Plant is recognized as one of today's fastest growing workforce needs.

North Kansas City Hospital

Charter partner of the Health Care track



The hospital of generations of Northlanders, NKC Hospital offers an extensive list of inpatient and outpatient services. Over 600 physicians work in this 451-bed facility, which has an Emergency Department noted as the busiest in Kansas City. The hospital boasts five Centers of Excellence which individually focus on the areas of cardiac care, cancer, orthopedics, emergency care and women's health.

By 2020, the Health Care job market is expected to grow more than any other group of occupations.

Northland Advanced Career Studies

Connecting students to professional and innovative learning opportunities

Northland Advanced Career Studies

The Northland Advanced Career Studies Program (*Northland Access*) provides high school students professional, innovative and entrepreneurial education through professional based learning opportunities.

Access students are immersed in professional environments engaging in curriculum developed by industry professionals and program instructors—ensuring what is taught in the classroom is relevant to the workforce. Learning is enhanced by project work direct from industry partners who engage to mentor students and ensure timely, accurate and real project results.

Learning at NACS is real-time, real-world and hands-on. Emphasis is placed on developing professional skills, such as communication and collaboration, which employers deem highly important to individual success.

Access is open to students from the school districts of: Kearney, Liberty, North Kansas City, Park Hill, Platte County and Smithville.



Is this program for me?

- + Are you planning for your junior or senior year of high school?
- + Are you motivated to get real-world experience before graduating high school?
- + Are you eager to solve real problems in a fast-growing industry?

What can I expect?

- + Connect your education to real and relevant project work
- + Build skills that are applicable to today's fastest growing jobs
- + Enhanced communication, collaboration, critical-thinking, creativity and professionalism skills
- + Hands-on learning opportunities outside of the traditional school setting
- + Learn and network with local business professionals and your peers
- + Access to internship and work opportunities after graduation

Northland Access Overview

Students participating in the charter year of the *Northland Access* program can choose from one of three tracks:

Advanced Manufacturing, Computing and Technology or Health Care.

In half-day sessions, Junior and Senior students travel from their school to a local business where “classes” are hosted (see back cover). During this time, students experience a blended model of instruction and project work.

The NACS model is designed to give students access to work in an environment where professionals work every day. Formal instruction is minimal, some learning will happen in real-time and students will collaborate across teams and subject areas to complete a project or program goal.

+ Advanced Manufacturing

Manufacturers operate some of the world's most cutting edge technology. The Advanced Manufacturing track lets students experience this innovation first-hand. Principles of Manufacturing, Elements of Automation, Integration of Manufacturing Elements are a few of the topics students will explore.



+ Computing and Technology

Nearly everything on a computer, phone or television is driven by software and the people who create it. Computing and Technology gives students access to real-world software creation, spanning from computer programs, mobile apps, web solutions and more.



+ Health Care

Health care is one of the most personal and meaningful industries in today's world. Students in the health care track will be embedded in the hospital setting where they learn the fundamentals of medicine and patient care alongside some of the regions most experienced medical professionals.



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