



## COURSE STRANDS\*

### ENGINEERING AND ADVANCED MANUFACTURING

Designed for students interested in engineering and manufacturing fundamentals, entrepreneurship, and innovation. Students experience hands-on, active learning with immersion in real-world projects sponsored by business partners like Ford Motor Company. Projects are structured around engineering processes.

### GLOBAL BUSINESS AND LOGISTICS

This course is designed for students who are interested in an ever-changing world, where business and marketing decisions must adapt to the global economy, many times resulting in global expansion of the business. Students partner with local, regional, national, and international businesses to produce marketing plans, advertising and promotional plans, customer research, social media plans, event management, and strategic plans. Students will experience working with mentors and businesses that organize, plan and manage people, facilities, and supplies.

### WANT TO START YOUR OWN BUSINESS?

Have some ideas, but not sure where to start? The Northland CAPS Business Accelerator provides students with the opportunity to develop a business plan, research marketing strategies and funding sources as well as begin developing your business utilizing mentors in creating that entrepreneurial mindset.

Northland Center for Advanced Professional Studies (NCAPS) immerses high school students in professional environments through engaging curriculum that is driven by passionate industry leaders and delivered by visionary instructors.

## The NCAPS difference

### 45% of students

converted unpaid internships to paid positions

### 100% of curriculum

is tied to economic and workforce development and is eligible for high school and college credit

### 300+ young minds at 8 satellite locations

### 600+ companies

helping to shape the future workforce

### 350+ student internships

at over 200 companies throughout the metro

### MEDICINE AND HEALTHCARE

Students are immersed in North Kansas City Hospital and Liberty Hospital providing unprecedented access to real world experiences in medicine and healthcare. In the classroom, students will expand upon principles of human physiology through in-depth case studies of body systems, develop fluency in basic medical language, formulate treatment plans for patients, practice physical assessment skills, and perform patient care and life-saving procedures within a simulation lab. Students will receive certification in CPR and AED.

### TECHNOLOGY SOLUTIONS

Ideal for students who are interested in developing the professional and technical skills required to forge forward in exploring all areas of technology. Students will perform real

world projects for clients utilizing the expertise of diverse guest instructors, mentors and business partners like Cerner.

### DIGITAL MEDIA AND DESIGN

Students interested in creating a wide array of digital assets (graphic design, photography, video and audio), providing opportunities to collaborate with mentors and business clients. They will deliver real products to their clients as well as creating a professional portfolio that illustrates their creative talent.

\*See side 2 for project examples and FAQs

>> Learn more at [northlandcaps.org](http://northlandcaps.org)



## PROJECT EXAMPLES

- Partnered with the YMCA of Greater Kansas City to address food insecurity and create better access to healthy options and meals by developing a site plan and 3d layout for a greenhouse, community garden, walking trail and landscape.
- Collaboration with the KCATA to develop and implement a survey on ridership for the public bus service. Student associates conducted the survey, presented the findings and proposed suggestions on how to make ridership a better experience.
- Partnership with UGA Finance to help their security team evaluate and recommend updates for protocols. Our student associates made recommendations on physical and electronic security after evaluating the current operations. Security tests were created for the employees to demonstrate competencies in order to keep their clients financial data safe.
- Collaboration with Autism Works to create a promotional video as well as capturing live event photo content for the organization.
- Partnered with NKC Hospital and Tri-County Mental Health to study opioid addiction in the area. Through this work our student associates developed a plan to educate recipients of Narcan kits of the risk factors, signs and response for overdose patients.

**Northland CAPS sessions are:**

**Monday-Friday 7:30-10:00 AM or 12:00-2:30 PM**



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[www.northlandcaps.org](http://www.northlandcaps.org)

## FREQUENTLY ASKED QUESTIONS

### IS NORTHLAND CAPS A TRADE SCHOOL OR VOCATIONAL PROGRAM?

Neither. Northland CAPS provides students the opportunity to deeply explore professions of interest through a profession-based, inquiry learning method. Local and global business partners participate with skilled instructors to provide exposure and skill acquisition in high demand professions. Students will receive high school credit & college credit when applicable.

### HOW MUCH DOES IT COST?

Tuition for the program is paid by the student's home district. North Kansas City Schools is the fiscal agent for the Northland CAPS program. Northland CAPS is governed by a board made up of area business leaders and superintendents. The board is given authority to manage this program through a cooperative memorandum.

### HOW WILL I BE GRADED FOR THE CLASS?

Instructors will provide a detailed syllabus, students are graded on project work, assessments, and professional skills (including attendance and dress code). Students will dress business casual every day, unless otherwise specified by the instructor and/ or project work.

### WHAT WILL MY SECOND SEMESTER BE LIKE?

Full year students have the opportunity to secure an internship second semester. Available internships are posted, students apply and interview with businesses. If selected, a student will "work" up to four days a week at that company.

### WHO ATTENDS NORTHLAND CAPS?

You must be a junior or senior for the school year and attend one of the participating districts: Excelsior Springs, Kearney, Lathrop, Lawson, Liberty, North Kansas City, North Platte, Park Hill, Platte County or Smithville. Be able to provide your own transportation.

You can apply for Northland CAPS at [www.northlandcaps.org/apply](http://www.northlandcaps.org/apply)