



2024 Cluster Activity Summaries

Agriculture, Food & Natural Resources

Cluster Activity

Explore exciting agricultural careers through hands-on activities! Test soil properties, learn seed metering, use a refractometer, discover vet tech roles, delve into meat cutting, and experience cutting-edge technologies in the ag tech trailer. Uncover diverse paths in the agricultural field!

ACTIVITIES BOTH INSIDE & OUTSIDE!

Careers Represented

Soil & Water Specialist
Veterinary Technician
Equipment Technician
Food Science

Businesses & Academic Partners

Stearns County Soil & Water Conservation District
Ridgewater College
Midwest Machinery
AgCentric
SCTCC Land Surveying & Civil Engineering Department

Arts, Communications & Information Systems

Arts, Audio/Visual Technology & Communications

Cluster Activity

Explore the creative world of media through radio, podcasting, and music production! Students can experiment with photography using cell phones or professional cameras, while also engaging in broadcasting, editing, and journalism demos for a well-rounded look at media skills.

Careers Represented

Radio DJ
Podcast Host
Music Producer
Sound Designer
Photography
Videography
Journalism
Broadcasting
Public relations
Television production

Businesses & Academic Partners

KVSC Radio & SCSU
Thul Photography -
RichThul.com
SCSU's Mass Communication Department

Information Technology

Cluster Activity

Explore vital IT skills through hands-on activities like Ethernet cable making and network troubleshooting. Engage in cybersecurity with "Deepfake Detectives" and a Try Cyber Challenge, while investigating IT careers through interactive data analytics reports on roles and salaries. Additional activities include game mechanics with Unreal Engine 5, 3D modeling with Blender, and command line demonstrations.

Careers Represented

Computer Network Engineering
Cybersecurity Analyst
Digital Forensics Expert
Machine Learning Engineer
Software Developer
Media Analyst
Computer Networking
Computer Repair
Computer Forensics
Information Assurance.
Information Technology
Game design
3D modeling/animation

Businesses & Academic Partners

Stearns Bank N.A.
SCTCC CIO
SCTCC and SCSU
Park Industries
CentraCare
Blattner
ISD47 Technology Team

Engineering, Manufacturing & Technology Architecture & Construction

Cluster Activity

Experience construction and utilities with hands-on activities! Build a picture frame, explore plumbing with a PEX expansion demo, and work with quick-drying concrete. Learn about powering our lives with overhead electrical equipment and try operating a laser screed. Plus, view blueprints and jobsite photos for an insider's look at the industry!

ACTIVITIES BOTH INSIDE & OUTSIDE!

Careers Represented

Renewable energy
Plumbing
HVAC
Fire Protection
Electrical Design and Engineering
Production Laborers and install
Carpentry
Commercial Refrigeration
Installer
Construction
Linework
Concrete Finisher
Laborers
Finishers
Bricklayers
Foreman
Project Managers
Estimators

Businesses & Academic Partners

Blattner Energy, Blattner Company, and DH Blattner
J-Berd Companies
Wells
Dale Gruber Construction
Simonson Lumber
SCR, INC.
Stearns Electric Association
W Gohman Construction
K Johnson Construction, Inc.
McDowall
Xcel Energy

Manufacturing & STEM

Cluster Activity

Ready to build your own ATV? Dive into the exciting world of Manufacturing and STEM! Get hands-on with welding, explore the wonders of 3D printing, and dive into robotics. If you love working with your hands and creating, this is the perfect cluster for you. Don't miss out on the chance to unleash your creativity and skill!

Careers Represented

Mechanical Drafting
Mechanical Design
Engineering
Machinist
Inspection
Coordinate Measuring
Machine Operation
Assembly
CNC Machining
Robotics
Electrical Engineering
Panel Technician
Quality Control / Assurance
CAD/Mechanical Design
Safety
Welding
Robotic Welding

Businesses & Academic Partners

C4 Welding
Central McGowan
Cold Spring Granite
CWMF
DCI
DeZurik
Essilor USA
Grede Foundries
IPM Inc.
Louis Industries
New Flyer
Northern Metal Products
Park Industries
Rotochopper
SCSU
SCTCC
Tru-Stone
Ultra Machine

Transportation, Distribution & Logistics

Cluster Activity

Experience construction and utilities with hands-on activities! Build a picture frame, explore plumbing with a PEX expansion demo, and work with quick-drying concrete. Learn about powering our lives with overhead electrical equipment and try operating a laser screed. Plus, view blueprints and jobsite photos for an insider's look at the industry!

Careers Represented

Truck Driving
Diesel Technology
Heavy Equipment Operation
Auto Body Automotive
Truck Mechanics
Service Management
Truck Sales
Parts Sales
Heavy Equipment
Shop Ownership
Estimation
Aviation Mechanic
Pilot

Businesses & Academic Partners

ATS
Momentum
Farm-Rite Equipment
Knife River
Brenny Transportation
SpeeDee Transportation
Ziegler Cat
Corborn's
Metro Bus
Blaine Brothers
RDO
GATR
St. Cloud Aviation
Life Link III
MN State Transportation Center of Excellence
PPG
ABRA
Keystone Automotive
SCIPI
Kia of St. Cloud
St. Cloud Subaru
Tenvoorde Ford
Gilleland Chevrolet
SCTCC

ACTIVITIES BOTH INSIDE & OUTSIDE!

Health Science

Cluster Activity

Get ready for an exciting adventure in health science! From performing a live birth simulation to creating your own DNA helix, the Health Science area offers hands-on experiences that will immerse you in the world of medicine. Dive into microbiology, try your hand at suturing, and explore genetics, surgery, and lab science like never before. Whether you're curious about medical procedures or fascinated by the tiniest microbes, there's something thrilling waiting for you!

Careers Represented

Medical Lab Scientist
Medical Lab Technician
Nursing, Genetics
Surg Tech
Respiratory
Echocardiography
Speech Language Pathologist
Dental Hygiene
and more!

Businesses & Academic Partners

CentraCare
St. Cloud VA
Good Shepherd Community
MN HOSA
SCTCC Dental Hygiene
Microbiologics
CSB/SJU
SCSU Communication
Sciences and Disorders

Human Services

Cluster Activity

Immerse yourself in a variety of careers with hands-on activities that bring this cluster to life! From caring for a lifelike baby doll to testing your skills at an archery range, you'll explore different fields in an exciting way. Discover self-care resources and capture the moment at the photo booth as you dive into the diverse opportunities awaiting you!

Careers Represented

Therapy
Mental health
Volunteerism
Mentoring
Social work
Direct care
Youth development
Parent education
Behavior intervention
Geriatrics
Personal care

Businesses & Academic Partners

Boys & Girls Club
Boy Scouts
Catholic Charities
Big Brothers Big Sisters
United Way
Milestones
Reach up Headstart
Newport

Law, Public Service, Corrections, & Security

Cluster Activity

Explore public safety with hands-on experiences! Learn how drones aid police, assist in emergencies with the 911 system, and detect body fluids at a mock crime scene.

Discover firefighting techniques and the role of State Patrol Troopers.

Understand County Corrections Officers' safety measures, and provide medical care to a mannequin as a Paramedic or EMT. Gain valuable insights into diverse careers in public safety!

Careers Represented

Police Officer
911 Dispatcher
Investigator/Detective
Firefighter
State Patrol Trooper
Corrections Officer
Paramedic/EMT

Businesses & Academic Partners

St. Cloud Police Department
Benton County Sheriff's Office
Waite Park Police Department
St. Cloud Fire Department
Minnesota State Patrol
Stearns County Sheriff's Office
Mayo Clinic Ambulance Service

Government & Public Administration

Cluster Activity

Have you ever wondered what powers a city through every season, keeping everything running smoothly, no matter the challenges? Dive into the dynamic world of Government and Public Administration, where you can chart your own path and make a real impact on your community. Explore the possibilities and discover your next adventure!

Careers Represented

City Administrator
City Planner
Planning Consultant
Economic Development
Community Development

Businesses & Academic Partners

City of St. Cloud
Benton Economic Partnership
Bolton & Menk, Inc.
Sherburne County
Stearns County
City of St. Joseph
City of Sartell
City of Foley

Education & Training

Cluster Activity

Explore Early Childhood education through fun hands-on activities and interactive escape room-like challenges. Create custom buttons and stickers while chatting with experienced volunteers, snap a pic at the selfie station, and enjoy the looping video *Peekaboo Can Save the World* as you pass by!

Careers Represented

Early Childhood Teacher
Elementary Teacher
Secondary Teacher
Multiple other positions within a school district

Businesses & Academic Partners

Sauk Rapids-Rice Public School District
St. Cloud Area School District
Sartell-St. Stephen School District
St. Cloud State University
St. John's/St. Ben's
Love and Learn Childcare Center

Business, Management & Administration

Business, Management & Administration

Cluster Activity

B.A.M.! Want to be a superhero in Business, Administration, or Management? Visit us to explore key business careers! Spend 15 minutes with us for Q&A sessions, mini scenarios, and hands-on games. Complete all three to earn a "superpower" and qualify for swag and prizes. Don't forget to visit the TikTok Snap Hub, #EPICMN, before your next adventure!

Careers Represented

Operations Manager
Administration Manager
Office Manager
Payroll
Receptionist
Training & Development
Administrative Support
Human Resources
Recruitment

Businesses & Academic Partners

United States Department of Agriculture (USDA)
Herberger Business School, SCSU
Automotive Parts Headquarters
PCI - Preferred Credit, Inc.
Rinke Noonan
Creative Planning
AutoMethod Corporation

Marketing

Cluster Activity

Are you passionate about social media? Imagine turning that passion into a powerful skill! Explore the Marketing Cluster to learn how to not only craft your personal brand but also master the art of building a successful commercial brand from the ground up. Discover the secrets behind marketing strategies, storytelling, and everything that drives top brands to success!

Careers Represented

Marketing
Business Management
Account Management
Social Media Development
Logo Development
Brand Development

Businesses & Academic Partners

Performance Foodservice
Herberger Business School
Moxie Creative
Image Builders

Hospitality & Tourism

Cluster Activity

Calling all aspiring hospitality professionals! Get ready to dive into the world of travel, tourism, and unforgettable experiences. This immersive journey covers every corner of the industry, from crafting culinary delights and planning dream vacations to managing hotels, coordinating events, and exploring the airport sector. Join us to discover a wealth of opportunities in the Hospitality and Tourism Cluster!

Careers Represented

Hotel Management
Casino Management
Culinary Arts
Food Service
Event Planning
Event Sales
Museum/Attraction
Management

Businesses & Academic Partners

Letnes group
Grand Casinos
Visit St. Cloud
Lamont Companies
The Park Event Center
Great River Children's Museum
Hospitality MN

Finance

Cluster Activity

Unlock Your Financial Future: Escape the Numbers! - Financial themed escape room

Careers Represented

Accounting
Banking
Investing
Financial Advising

Businesses & Academic Partners

Granite Partners,
CLA (CliftonLarsonAllen)
Schlenner Wenner & Co
Creative Planning Business
Services
Falcon National Bank
St. Cloud Financial Credit Union
Magnifi Financial
Herberger Business School
(SCSU)

Retail

Cluster Activity

Get ready for a Family Feud-style game with a twist! As you explore different areas of retail, they'll uncover answers displayed around the room. If you're up for the challenge, you can step in and put your knowledge to the test by planning and leading the game. It's a fun, interactive way to dive into the world of retail while sharpening your skills!

Careers Represented

We will highlight careers within both the retail and non-retail areas of a business! We will also show case career progressions.

Businesses & Academic Partners

Coborn's Inc.,
Barnes and Noble
SCTCC Bookstore

Entrepreneurship

Cluster Activity

Have a great product idea?
Want to explore what it
would look like to launch
that idea into a business?

Join us to explore
entrepreneurship! You'll talk
to real-life entrepreneurs as
well as entrepreneurship
club members from local
universities. And you'll have
the option to compete in a
fun pitch competition game
for ultimate bragging rights!

Careers Represented

Entrepreneurship
Self-Employment

Businesses & Academic Partners

Impacks
St. Cloud State University
College of Saint Benedict and
Saint John's University
ILT Academy



**Thank you to all of our
sponsors, employers and
attendees!**