



2022 IGNITE Your Future: Career Field Activities



Activities are organized throughout the building by career fields as much as possible.

Behind the descriptions are the room numbers or locations. Note that there are 15 activities outside.

AGRICULTURE, FOOD & NATURAL RESOURCES

- Precision Ag in the Heartland - **Outside** front circle
- What's in Animal Feed? Science in action - **Outside** near 427
- Crop Moisture: Go Figure! - **Outside** near 427
- Ag Spraying Safety is a Must - **Outside** near 427
- Ag Goes High Tech with Drones and More - **Outside** near 427
- Ultrasound Shows the Cow-Calf Connection - 365
- Fish Tales: Learn to tag and ID scaly friends - 385
- Egg Mysteries: Candling Reveals the Truth - 410
- The Vet is In: From Dog Physicals to Animal Skulls - 427
- Ear Tag Key Chain: Make and Take - 427
- Landscaping: Growth Starts with Good Roots - 429
- Meat Cutting by the Slice: Have a Favorite Cut? - 429

ARTS, INFORMATION TECHNOLOGY, COMMUNICATIONS

- Video Master = Drones + Action + Talent - **Outside** front entrance
- Photo and Design: Lights, Camera, Action! - 153
- Art of Cyanotype Printing - 165
- Personalize a Clay Pendant - 164
- Social Media Photos: Beyond Friends and Selfies - 200 Commons
- Create an Accessible World through Color - 200 Commons
- Computer Guts: Are You Wired to Become a Geek? - 246A/B
- Design with Canva: Pop Your Social Media Presence - 440

BUSINESS, MANAGEMENT & ADMINISTRATION

- Keyboard Challenge: How Fast Can You Type? - 460
- Hire Me! From Help Wanted to In the Door - 460
- True Color Personality Test - ID Your Business Strengths - 465
- Lemonade Stand \$\$ Competition: Will Your Profits Win You a Prize? - 465
- Let's Play Jeopardy! Credit, Insurance, Finance, & Fraud - 475
- Real Estate 101 to Buy Your First Home! - 475
- Build an LED Circuit Board - 257

ENGINEERING, MANUFACTURING & STEM

- Plug into Industrial Careers with Circuit Controls - 259
- Robots Make it Happen! Manipulate a 6-Axis Robot - 259
- Catapult Your Future by Building a Tabletop Launcher - 270
- Feel the Magnetic Pull - 315
- Save Lives with Infrared & Fluorescents - 315
- Radiography Reading Challenge - 315
- Machine Masters - Step 1: Draft a Souvenir with SolidWorks Software - 340
- Welders Master the Heat! Bend, Polish & Weld Metals - 353
- Chemistry Mystery Sleuth: Can You ID the Clue? - 370
- Machine Masters - Steps 2-4: Manufacture, Measure and Assemble Your IGNITE Souvenir - 371/380

ENGINEERING :TRANSPORTATION&CONSTRUCTION

- Caterpillar Simulator: Bulldozers, Loaders, and Excavators, Oh My! - **Outside** front circle
- Get Truckin'! Drivers are in HUGE Demand - **Outside** front circle
- Explore Transportation Careers - **outside** behind 267 and 270
- Hit the Virtual Road in a CDL Truck Driving Simulator - **outside** 427
- Autos Speak Volumes, Just Listen! - 259 & 258
- Splat! Virtual Reality Auto Body Paint Simulation - 259 & 258
- Virtual Reality Plumbing & Air Diagnostics - Cool! - 263
- Electrify Your Future with Connectors, Circuits and Lights - 267
- Construct a Wood Souvenir Truss - A WHAT? - 355

GENERAL

- Start Your 4-year Degree! Liberal Arts & Sciences Trivia - 158

HEALTH SCIENCE

- Ambulance! Life-saving in the Fast Lane - **Outside** near 246
- Paramedics: Airways, Bleeding and Saving Lives - 151
- Therapy Obstacle Course - Can You Finish? - 233

HEALTH SCIENCE

- Patient Assessment Goes High-Tech - 235
- Assisted Mobility for Patients and Grandparents on the Move - 235
- HELP! I'm Wounded! Nursing Students to the Rescue! - 235
- TED Socks Challenge: How Fast Are You with Those Tight Socks? - 237
- Baby on Board! Can You Install a Car Seat Properly? - 237
- Medical Assistant is IN! - 360
- What's Your Blood Type? Blood Draws, Vaccinations and Patients - 360
- Massage Therapy Kahoot Game - Who Will Win? - 475
- Chiropractic Insights: Reflexes and Ergonomics - 475
- A Slice of Science: Dissect an Animal Brain & Test Nerves with College Students - 380

HUMAN SERVICES

- Buckle Up! Will the Seat Belt Convincer Impact Your Behavior? - **Outside** front sidewalk
- Human Side of a Hearse: The Compassion & Science of Funerals - 247B and **Outside** north side
- Stress Less! Learn to Use Stress Balls Effectively! - 240
- Take a Breath Using Strategic Breathing - 247A
- Connect with Kids at the Children's Mini-Museum - 248
- Communication Disorders: High-Tech Simulation Makes Difference - 249

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

- FIRE! Take the Firefighter Challenge. Do You Have the Strength? - **Outside** front circle
- Calling 9-1-1: Meet the SWAT Team and the HPD - **Outside** north side
- Calling 9-1-1: Rescue Vehicles, K9 Unit and Drone Team - **Outside** north side
- To Protect and to Serve: Try on Police Gear & Explore the Blue - 246
- Order in the Court with Judge Jodi and her Legal Team - 247

YOU'RE HERE!

We hope you have a great day exploring activities that interest you and trying others that may surprise you. What looks cool?

Where are you headed?

- Mark activities you explore
- Note your departure time to catch your bus. _____
- Set a reminder/timer on your phone for your departing time
- Need Help?
 - Ask an event volunteer
 - Locate a school chaperone in the Commons or with help at the info table in the front Main Entrance
 - Locate first aid, lost and found, or exit door in Main Entrance

NEXT STEPS



- Complete your post-event survey at ridgewater.edu/igniteyourfuture or the QR code above TODAY.
- Tell your counselor/chaperones about your day – ask questions to keep exploring careers
- Visit with family & mentors about their careers and ideas for you
- Continue **IGNITING Your Future** by exploring more careers!

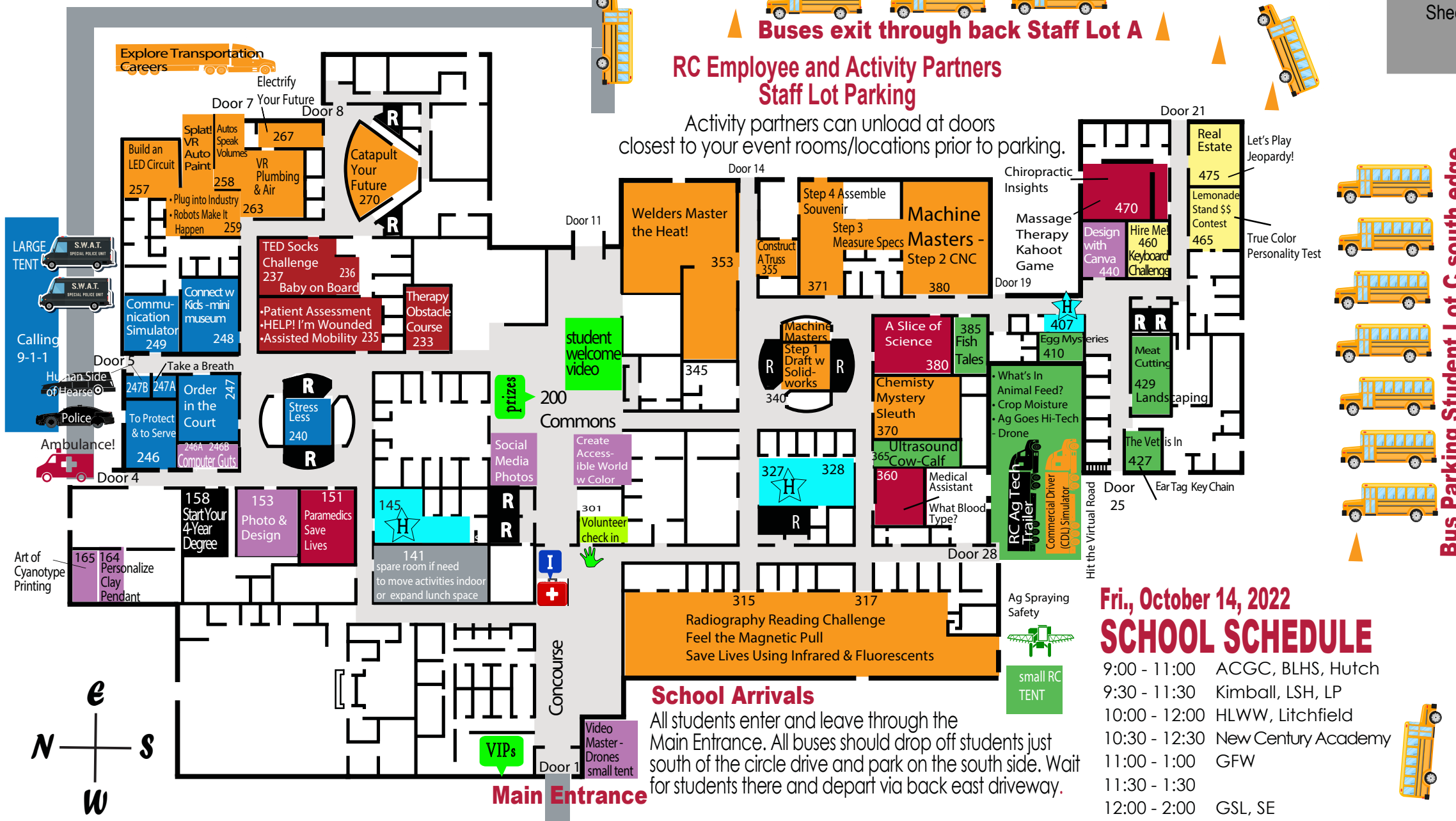
ENTRANCE: hearse, emergency vehicles, MN State Transportation **IGNITE Bus EXIT**



- Ag, Foods, Natural Resources
- Arts, Communication, and Information Technology
- Business, Management, and Administration
- Engineering, Manufacturing, and Technology
- Health Sciences
- Human Services

Rooms: 100s, 200s - north half
Rooms: 300s, 400s - south half

- R** Restroom
- +** First Aid
- Hand** Volunteer check in
- I** Information, Lost & Found
- Star** Hospitality: Activity Partners, Volunteers
- VIP** VIP Reception & Connection



Buses exit through back Staff Lot A

RC Employee and Activity Partners Staff Lot Parking

Activity partners can unload at doors closest to your event rooms/locations prior to parking.

Shed

Bus Parking Student Lot C south edge

Fri., October 14, 2022

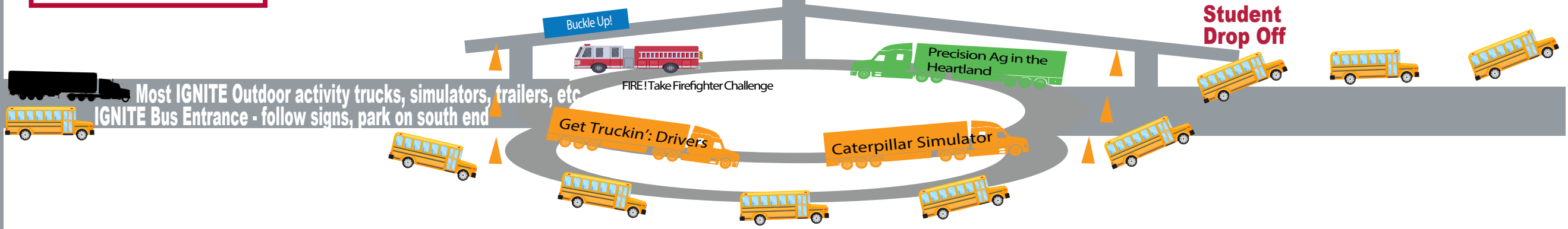
SCHOOL SCHEDULE

9:00 - 11:00	ACGC, BLHS, Hutch
9:30 - 11:30	Kimball, LSH, LP
10:00 - 12:00	HLWW, Litchfield
10:30 - 12:30	New Century Academy
11:00 - 1:00	GFW
11:30 - 1:30	
12:00 - 2:00	GSL, SE

School Arrivals

All students enter and leave through the Main Entrance. All buses should drop off students just south of the circle drive and park on the south side. Wait for students there and depart via back east driveway.

Student Drop Off



Most IGNITE Outdoor activity trucks, simulators, trailers, etc
IGNITE Bus Entrance - follow signs, park on south end

Volunteers/Student Parking Front Student Lots D & C

Highway 15 South

2 Century Avenue SE