

Student Name _____

Instructor Name _____

Northern Valley Career Expo Student Registration Guide

Directions: Provided below are the two groups of Breakout Presentations and information related to that occupational area. Careers included in the Breakout Presentations were selected due to their high growth, high wage, and specific to our region. **Students are to identify their top 4 choices from each block.**

Identify "X" Your Top
4 Choices in Group A

GROUP A BREAKOUT SESSIONS – Identify Your Top 4 Choices

1 st	2 nd	3 rd	4 th	Session Title	Career Field	Occupational Description	Related Occupations
				<u>Careers in Construction</u> <i>Click for More Information</i>	Engineering, Manufacturing, & Technology	- Help develop a construction project from conception to completion. Oversee organization, scheduling, budgeting.	<ul style="list-style-type: none"> • Construction Carpenters • Building Inspectors • Plumbing/HVAC
				<u>Computer Programming / Cybersecurity</u>	Information Technology	- Work to develop controls that safeguard government, corporate, and personal systems from security breaches and viruses.	<ul style="list-style-type: none"> • Software Developer • Computer Programmers • Computer Systems Engineers
				<u>Aviation / UAS</u>	Transportation, Distribution, & Logistics	<ul style="list-style-type: none"> - Aviation careers include transportation of passengers and cargo by flight and support of flight transportation - Concentrate on operations and/or maintenance used with unmanned aerial or ground vehicles. 	<ul style="list-style-type: none"> • UAS Pilot • Data Analysts • Mapping Technicians
				<u>Engineering</u> <i>(Mechanical & Electrical)</i>	Engineering, Manufacturing, & Technology	- Design, operate, or maintain tools, engines, and other mechanically functioning equipment in a variety of settings.	<ul style="list-style-type: none"> • Mechanical Drafters • Biomedical Engineers • Architectural Managers
				<u>Cosmetology / Esthetician</u>	Human Services	- Provides various treatments to improve the skin and beauty-enhancement of clients including makeup, facial treatments, hair styling, and manicures and pedicures.	<ul style="list-style-type: none"> • Beautician • Hair Stylist • Skincare Specialist
				High Wage, High Growth Careers	All Career Fields	- Provides an overview of careers you'll find in the region that have high earning potential and require 2 years or less of post-secondary training/education.	
				<u>Industrial Tech/Adv Manufacturing</u>	Engineering, Manufacturing, & Technology	- Whether implementing a design to production, maintaining complex equipment, or managing work flow, a variety of careers exist in manufacturing.	<ul style="list-style-type: none"> • Manufacturing Engineers • Engineering Technologists • Production Technicians
				<u>Marketing & Advertising</u>	Business, Management, & Administration	- Plan, direct, or coordinate marketing campaigns and strategies, such as determining the demand for products and services and identifying potential customers.	<ul style="list-style-type: none"> • Marketing Managers • Search Marketing Strategists • Advertising & Promotions Manager
				Pre-Health Science Careers	Health Sciences	- "Pre-health" is a designation for those who seek admission to health professional programs. This session provides an overview of in-demand pre-health fields.	<ul style="list-style-type: none"> • Dentistry • Veterinarian • Optometrist
				<u>Nursing</u>	Health Sciences	- Care for sick or disabled individuals; including the prevention of disease and caring/monitoring of specialized patients.	<ul style="list-style-type: none"> • Respiratory Therapists • EMT/Paramedics • Medical Assistant
				<u>Social Worker</u>	Human Services	- Provide support people need to address physical, mental, emotional, or social conditions. Employers may include agencies, nonprofits, schools and hospitals.	<ul style="list-style-type: none"> • Social Service Managers • Mental Health Counselors • Social/Human Services Assistants

Identify "X" Your Top
4 Choices in Group B

GROUP B BREAKOUT SESSIONS – Identify Your Top 4 Choices

1 st	2 nd	3 rd	4 th	Occupation Title	Career Field	Occupational Description	Related Occupations
				<u>Accounting / Banking & Finance</u>	Business, Management, & Administration	- A variety of options including working in a bank setting helping sell and process loans, to working as a financial advisor, to managing loan and investment portfolios.	<ul style="list-style-type: none"> • Financial Managers • Loan Officers • Business Bankers
				<u>Careers in Agriculture</u>	Agriculture, Food, & Natural Resources	- Manage and guide farmers and producers to maximize crop outputs using advanced technologies like GPS, remote sensing, and geospatial analysis.	<ul style="list-style-type: none"> • Crop Specialist • Precision Agronomist • Imagery Analyst
				<u>Careers in Education</u>	Human Services	- Explore careers within the educational setting, besides teaching, that provide an opportunity to work with children and young adults.	<ul style="list-style-type: none"> • Special Education Teachers • Counselors • Instructional Coaches
				<u>Diesel Mechanics</u>	Agriculture, Food, & Natural Resources	- Maintain large bulldozers, front-end loaders, and farm equipment. May specialize in engines and/or hydraulic systems.	<ul style="list-style-type: none"> • Bus and Truck Mechanics • Motor/Power Tool Mechanics • Automotive Mechanics
				<u>Electrician</u>	Engineering, Manufacturing, & Technology	- Design, install, and maintain electrical systems, wiring, equipment, and fixtures. Inspect systems; identifying and repairing hazards.	<ul style="list-style-type: none"> • Pipe and Steam Fitters • Plumbers • Heating/Air Conditioning Installer
				<u>Engineering (Civil)</u>	Engineering, Manufacturing, & Technology	- Plan, design, and oversee construction and maintenance of structures and facilities.	<ul style="list-style-type: none"> • Civil Engineering Designer • Construction Analyst • Transportation Engineer
				<u>Fast Track Health Careers (Non-4-Year Options)</u>	Health Sciences	- If health care is your passion and you want to get into the workforce quicker, this session provides in demand careers, with two years or less of post-secondary training.	<ul style="list-style-type: none"> • Radiology • Surgical Technician • Pharmacy
				<u>Fisheries & Wildlife</u>	Agriculture, Food, & Natural Resources	- In this field you may study animals in their natural habitats, inventory populations, manage wildlife preservation programs and enforce rules and regulations.	<ul style="list-style-type: none"> • Biologists • Zoologists • Game Wardens
				<u>Law Enforcement/ Firefighter / Paramedic</u>	Human Services	- Respond to emergencies, protect people and property. Enforce laws, investigate crime, and accident scenes. Monitor suspicious, unusual, and illegal activities.	<ul style="list-style-type: none"> • Correctional Officers and Jailers • Criminal Investigators • Law Enforcement Teachers
				<u>Mental Health</u>	Health Sciences	- Serve individuals as a counselor, psychologist, or nurse to identify and support individual rehabilitation and treatment programs.	<ul style="list-style-type: none"> • Mental Health Counselor • Clinical Psychologist • Family Therapists
				<u>PT, OT, Athletic Trainer</u>	Health Sciences	- Test patients' strength and functional capacity. Restore physical function, alleviate pain, prevent physical dysfunction, and administer exercises/treatments.	<ul style="list-style-type: none"> • Physical/Occupational Therapy Asst. • Registered Nurses • Respiratory Therapists