









EXPLORE CAREER FIELDS









Review the following **16 CAREER CLUSTERS** to **identify the career fields and industries that interest you**. You will likely have interest in several clusters so don't feel like you need to match your career cluster to your major. There are career opportunities for different majors in each of the career clusters.

Remember, the work of world is **not organized by major**.

AGRICULTURE, FOOD & NATURAL RESOURCES 	<p>Do you enjoy working with plants and animals? Are you interested in working in sustainability, conserving natural resources and protecting the environment? Agriculture isn't just farming. Workers in this field produce, market, sell, or finance goods including food, plants, water, animals, fabrics, wood and crops. Some in the field work to conserve natural resources or protect the environment.</p>	<p>Potential job titles include: Farmer, food scientist, greenhouse manager, biochemist, agriculture science teacher, forester, soil scientist, environmental protection specialist</p>
ARCHITECTURE & CONSTRUCTION 	<p>Do you want to design, build, and maintain structures where people live, work and play? Workers in the built environment design, plan, build and maintain structures, buildings, interiors and landscapes. Some in the field will create the designs and plans for new structures, while others may use the plans to build and manage the people on the project.</p>	<p>Potential job titles include: Architect, project manager, carpenter, interior designer, structural engineer, landscape designer, estimator, field superintendent, civil engineer</p>
ARTS, AUDIO/ VISUAL TECHNOLOGY & COMMUNICATIONS 	<p>Are you a visual person that enjoys working with productions or performing? Do you love to use your artistic creativity and talents on the job? Workers in this field use their talents and creativity to perform, write, communicate, design and produce original work. Some in the field will have highly visible roles while others will leverage their skills crafting and delivering messages or utilizing creative technology to work behind the scenes.</p>	<p>Potential job titles include: Graphic artist, multimedia journalist, writer, producer, curator, program director, photographer, reporter, content developer, art director</p>
BUSINESS, MANAGEMENT & ADMINISTRATION 	<p>Do you like to plan and manage people and activities? Do you enjoy leading operations and efficiency within an organization? Leaders, managers and administrators provide the support needed to make a business run. Every organization needs employees with strong financial, organizational, time-management and communication skills. Some may evaluate business functions, manage financial activities or oversee business operations and people.</p>	<p>Potential job titles include: Human resources manager, office manager, executive assistant, consultant, business analyst, financial manager</p>
EDUCATION & TRAINING 	<p>Do you like to help others learn new things? Do you enjoy presenting in front of others? Educators teach, train, guide and influence people to gain and apply knowledge and develop skills. Some may work in traditional classroom settings, others may provide student support outside of the classroom in educational institutions, while another setting may include training and development for adult learners and employees.</p>	<p>Potential job titles include: Elementary or secondary school teacher, school counselor, academic advisor, principal, professor, training manager, career advisor</p>
FINANCE 	<p>Do you like working with numbers and organizing data? Do you want to help people or organizations plan and manage their financial future? Careers in Finance center around organizing numbers and data in environments such banking, accounting, financial planning, insurance and wealth management. Roles may include providing advice to business executives or working directly for an organization or individual.</p>	<p>Potential job titles include: Loan officer, stockbroker, mortgage banker, accountant, insurance agent, market analyst, financial planner, securities trader, financial analyst</p>
GOVERNMENT & PUBLIC ADMINISTRATION 	<p>Are you interested in government, policy or politics? Does the idea of planning, regulating and impacting your community or county appeal to you? Government and public administration employees provide regulatory oversight and support for vital services to citizens. They develop, pass, and insure compliance with policies and laws at the national, state or local level. You will find almost every type of occupation within the government.</p>	<p>Potential job titles include: City or town manager, federal investigator, legislative assistant, State Department official, coordinator of public affairs</p>
HEALTH SCIENCE 	<p>Do you enjoy working to promote health and wellness? Does the idea of working in a medical facility or to improve medical care appeal to you? A health professional is so much more than being a doctor, dentist or nurse. Health professionals may work directly with patients or may work in a lab to advance research, medical technologies or informatics. Educational backgrounds range from four year degrees to professional school including jobs in administrative support and providing direct patient care.</p>	<p>Potential job titles include: Physician, audiologist, speech pathologist, physical therapist, nurse, dentist, dietician, nursing home or hospital administrator, other therapists</p>



CAREER AND PROFESSIONAL
DEVELOPMENT
VIRGINIA TECH.

HOSPITALITY & TOURISM 	<p>Would you enjoy interacting with people and providing high level customer service? Hospitality and tourism workers help people plan and coordinate vacations, entertainment activities and leisure time. There are opportunities to work and serve customers in restaurants, hotels, resorts all around the world where no two days are the same.</p>	<p>Potential job titles include: Hotel manager, historic home curator, tour guide, event planner, travel agent, Chamber of Commerce director, resort activities planner</p>
HUMAN SERVICES 	<p>Do you like to help individuals and families solve problems in their time of need? Are you interested in connecting people to services and resources they can use to improve their quality of life? Human services professionals manage and coordinate services to individuals and families to address human needs. Jobs range from counseling and rehabilitation to directing social and community programs. Human services work environments include office settings, private practice and some visit clients in their home. Many jobs are with social agencies, non-profits, and local and state government.</p>	<p>Potential job titles include: Case manager, substance abuse counselor, child advocate, social worker, non-profit director, recruiter, human resources specialist, clinical psychologist</p>
INFORMATION TECHNOLOGY 	<p>Do you like technology? Do you enjoy working with computer hardware, software, multimedia, or network systems? Information Technology is a growing and ever changing field. Computers and other media tools are vitally important to the workforce and those in Information Technology may design, develop, support, or manage computer software, hardware, multimedia, or network systems. Opportunities in this industry can be behind a computer with little client interaction, or you may have a more client facing role where you have to communicate technical information to non-technical people.</p>	<p>Potential job titles include: Computer programmer, software engineer, systems analyst, database administrator, computer games designer, project manager, consultant</p>
LAW, PUBLIC SAFETY & SECURITY 	<p>Do you like the idea of protecting people's safety, sometimes in the face of danger? Do you want to enforce laws or help people navigate the legal system? Law, Public Safety and Security workers protect people from crime and natural disasters as well as ensure that they receive fair treatment and justice. Careers may be dangerous and require long hours of shift work, while some careers may be in an office setting providing legal services or working in the court system. Jobs can be found at all levels of government, in law offices and security businesses.</p>	<p>Potential job titles include: Police officer, federal investigator, military personnel, attorney, paralegal, firefighter, U.S. marshal, conservation officer</p>
MANUFACTURING 	<p>Do you like to design and make products? Are you comfortable working in a factory with machines and tools? Manufacturing professionals work in fields including plastics, technology, pharmaceuticals, automobiles, appliances in settings ranging from small businesses to large factory floors. Technology use in manufacturing has recently increased to expand product customization, shorten production time, and increase product durability. Jobs might include technology maintenance, installation & repair, production process development, product production, quality assurance as well as new product design.</p>	<p>Potential job titles include: Plant manager, product designer, packaging engineer, mechanical or industrial engineer, purchasing agent, quality control inspector</p>
MARKETING, SALES & SERVICE 	<p>Are you friendly, outgoing and persuasive? Do you like to sell products or services? Marketing is focused on helping businesses promote and sell products and services to customers. There is a wide range of job opportunities that allow workers to use their interpersonal, communication and persuasive skills to meet the consumers needs. Jobs might include working in an creative office environment, being on your feet working with the public or working in a retail setting.</p>	<p>Potential job titles include: Market researcher, account executive, public relations specialist, sales representative, buyer, fashion merchandiser, store manager, insurance agent</p>
SCIENCE, TECHNOLOGY, ENGINEERING & MATH 	<p>Do you want to understand how things work? Would you enjoy researching or solving complex problems? Occupations in the STEM fields usually related to researching and solving problems. Typically those successful in this field have an urge to figure out how things work, advance research, or enhance knowledge about a topic. Most work using Scientific, Technical, engineering, or mathematical approaches to work in a variety of settings. This work can include being in a laboratory, working outdoors, working directly with clients, or working behind a computer.</p>	<p>Potential job titles include: Engineer, physicist, computer programmer, environmental scientist, chemist, meteorologist, statistician, pharmacologist, data analyst, biologist</p>
TRANSPORTATION, DISTRIBUTION & LOGISTICS 	<p>Do you want to figure out how things or people get from place to place? Would you enjoy designing roads, bridges or other modes of transportation? We move people, materials, and products by road, rail, pipeline, air, and water. Professionals in transportation, distribution, and logistics support many fields including infrastructure planning and management, logistics, and maintenance of vehicles and facilities. Jobs might include facility and mobile equipment maintenance, logistics planning and management services, sales and service, transportation operations, as well as transportation systems/ infrastructure planning, management and regulation.</p>	<p>Potential job titles include: Pilot, air traffic controller, engineer, transportation specialist, logistics coordinator, safety specialist, FAA inspector, highway designer</p>

What are your top 3 career clusters of interest? Write them below:

To explore occupations in each career cluster visit the O'NET at www.onetonline.org and use the "Find Occupations" tool to search for jobs by career cluster.