

RECOMMENDATIONS

The U.S. Department of Education has organized career preparation programs into sixteen large Clusters. The Clusters are then divided into Career Pathways. All occupational specialty programs within a specific Career Pathway require a common set of basic skills (i.e., reading, writing, mathematics, computer skills, etc.) as well as a common set of technical skills and knowledge.

This report includes Career Clusters and Pathways that are most related to your CareerScope aptitude scores and your interest scores. When a Career Pathway is listed below, it means **your interest and your aptitude** results are aligned with a higher percentage of career specialties within that pathway. As you review this report, keep the following points in mind: (1) the listed specialty programs lead to employment in high skill occupations that are growing or are widely available in the U.S. economy and (2) each Career Pathway that is listed includes a representative sample of possible specialty programs.

Here are some tips for using this report:

- When you find information reported in the "Interest Area and Rank" column to the right of an occupational specialty, it means one of your high interest areas is related to the specialty. When the number "1" is reported, it means the career program is related to your strongest area of interest. The name of the corresponding high Interest Area is also reported.
- When you see a ○ in the "Aptitude" column, next to a specialty title, it means there is a reasonable probability that your abilities are aligned with critical learning demands in the program. When you see a ● in the "Aptitude" column, it means there is a stronger probability that your abilities are aligned with critical learning demands in the program.
- Review all of the information in this report and then gather additional information about the listed career specialties, Career Pathways and Career Clusters so you can find Career Pathways and Career Clusters that emphasize your learning capacities and your interests.
- Remember, your assessment outcomes can change as a result of development, learning and motivation.

Cluster 1 Agriculture, Food and Natural Resources

Activities in Cluster 1 involve creating and distributing food and other natural resources, including various plant and animal products. Specialties range from farm workers to bioscientists.

Pathway 1.20 Plant Systems

Study plants and their growth, help producers of various crops feed the population while conserving natural resources and maintaining the environment.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
1.2003 Biotechnology Lab Technician	Scientific	(1)	●
1.2011 Tree Surgeons			●
1.2012 Education and Extension Specialists			○
1.2013 Ag Lenders			●
1.2015 Commodity Marketing Specialists			○
1.2017 Custom Hay/Silage Operators			●
1.2018 Forest Genetisists	Scientific	(1)	
1.2020 Greenhouse Managers	Scientific	(1)	●
1.2022 Farmers			●
1.2023 Ranchers			●

Cluster 5 Education and Training

Activities in Cluster 5 involve educating and training people from children to adults. Specialties range from pre-school teachers to university professors to museum curators.

Pathway 5.20 Professional Support Services

Assist others with personal needs, mental health assistance, educational goals and career decision making.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
5.2002 Social Workers	Humanitarian	(2)	○
5.2004 Counselors	Humanitarian	(2)	○
5.2005 Speech-Language Pathologists and Audiologists	Scientific	(1)	

Pathway 5.30 Teaching and Training

Communicate knowledge of a specific subject, inspire trust and confidence, and motivate learners.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
5.3001 Preschool, Kindergarten Teachers	Humanitarian	(2)	○
5.3002 Elementary Teachers			○
5.3004 Special Education Teachers	Humanitarian	(2)	○
5.3005 Preschool, Kindergarten Teacher Aides			○
5.3006 Elementary Teacher Aides			○
5.3007 Secondary Teacher Aides			○
5.3008 Special Education Teacher Aides			○
5.3010 Human Resource Trainers			○
5.3013 Child Care Directors			●
5.3014 Child Care Workers	Humanitarian	(2)	●
5.3015 Child Life Specialist	Humanitarian	(2)	●
5.3016 Nanny	Humanitarian	(2)	●
5.3017 Early Childhood Teacher Assistants	Humanitarian	(2)	○
5.3018 Teacher Aides			○
5.3019 Group Workers and Assistants			●

Cluster 8 Health Science

Activities in Cluster 8 involve developing and providing medical diagnoses and treatment. Specialties range from home health aides to doctors to bioscientists.

Pathway 8.10 Therapeutic Services

Improve patient health by providing care, treatment, counseling and health education information.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
8.1002 Anesthesiologist Assistant	Humanitarian	(2)	○
8.1003 Art / Music / Dance Therapist(s)	Humanitarian	(2)	○
8.1004 Athletic Trainer	Humanitarian	(2)	○
8.1005 Audiologist	Scientific	(1)	
8.1006 Certified Nursing Assistant	Humanitarian	(2)	●
8.1008 Dental Assistant / Hygienist	Humanitarian	(2)	●
8.1009 Dental Lab Technician			●
8.1010 Dentist	Scientific	(1)	
8.1011 Dietician			○
8.1013 Emergency Medical Technician (EMT)	Humanitarian	(2)	●
8.1015 Home Health Aide	Humanitarian	(2)	●
8.1017 Licensed Practical Nurse	Humanitarian	(2)	○
8.1021 Occupational Therapist / Asst	Humanitarian	(2)	○
8.1023 Optometrist	Scientific	(1)	
8.1025 Paramedic	Humanitarian	(2)	●
8.1027 Physical Therapist / Assistant	Humanitarian	(2)	○

Pathway 8.10 Therapeutic Services

Improve patient health by providing care, treatment, counseling and health education information.

<u>Specialty</u>	<u>Interest Area & Rank</u>	<u>Aptitude</u>
8.1028 Physician (MD/DO)	Scientific (1)	
8.1031 Recreation Therapist	Humanitarian (2)	○
8.1032 Registered Nurse	Humanitarian (2)	○
8.1033 Respiratory Therapist	Humanitarian (2)	○
8.1035 Speech Language Pathologist	Scientific (1)	
8.1036 Surgical Technician	Humanitarian (2)	●
8.1037 Veterinarian/ Vet Technician	Scientific (1)	

Pathway 8.20 Diagnostic Services

Use tests and evaluations to detect, diagnose and treat diseases, injuries or other physical conditions.

<u>Specialty</u>	<u>Interest Area & Rank</u>	<u>Aptitude</u>
8.2002 Clinical Lab Technician	Scientific (1)	●
8.2003 Computer Tomography (CT) Technologist	Humanitarian (2)	○
8.2004 Cytogenetic Technologist	Scientific (1)	●
8.2005 Cytotechnologists	Scientific (1)	●
8.2011 Histotechnician	Scientific (1)	●
8.2012 Histotechnologist	Scientific (1)	●
8.2013 Magnetic Resonance (MR) Technologist	Humanitarian (2)	○
8.2015 Medical Technologist / Clinical Laboratory Scientist	Scientific (1)	●
8.2016 Nuclear Medicine Technologist	Humanitarian (2)	○
8.2017 Nutritionist		○
8.2019 Pathology Assistant	Scientific (1)	●
8.2021 Positron Emission Tomography (PET) Technologist	Humanitarian (2)	○
8.2022 RadiologicTechnologist/Radiographer	Humanitarian (2)	○

Pathway 8.40 Support Services

Provide clean and healthy environments for work and the delivery of health care.

<u>Specialty</u>	<u>Interest Area & Rank</u>	<u>Aptitude</u>
8.4002 Biomedical / Clinical Technician	Scientific (1)	●
8.4004 Environmental Health and Safety	Scientific (1)	●
8.4006 Facilities Manager		●
8.4009 Industrial Hygienist		●
8.4010 Materials Management		●
8.4011 Transport Technician		●

Pathway 8.50 Biotechnology Research and Development

Study diseases to discover new treatments, invent medical devices to assist patients or to improve the accuracy of diagnostic tests.

<u>Specialty</u>	<u>Interest Area & Rank</u>	<u>Aptitude</u>
8.5001 Biochemist	Scientific (1)	
8.5002 Bioinformatics Associate		
8.5003 Bioinformatics Scientist		
8.5004 Bioinformatics Specialist		
8.5006 Biostatistician		
8.5007 Cell Biologist	Scientific (1)	

Pathway 8.50 Biotechnology Research and Development

Study diseases to discover new treatments, invent medical devices to assist patients or to improve the accuracy of diagnostic tests.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
8.5011 Lab Assistant-Genetics	Scientific	(1)	●
8.5012 Lab Technician	Scientific	(1)	●
8.5013 Microbiologist	Scientific	(1)	
8.5014 Molecular Biologist	Scientific	(1)	
8.5018 Regulatory Affairs Specialist			●
8.5019 Research Assistant	Humanitarian	(2)	●

Cluster 10 Human Services

Activities in Cluster 10 involve caring for people's personal needs and/or problems. Specialties range from hairdressers to funeral directors to counselors.

Pathway 10.10 Early Childhood Development and Services

Nurture and teach children in daycare centers, schools, and homes.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
10.1001 Directors, Child Care Facilities			●
10.1002 Assistant Directors, Child Care Facilities			●
10.1003 Preschool Teachers	Humanitarian	(2)	○
10.1004 Educators for Parents			○
10.1005 Nannies	Humanitarian	(2)	●
10.1006 Child Care Workers	Humanitarian	(2)	●
10.1007 Teacher/Es Assistants			○
10.1008 Child Care Assistants	Humanitarian	(2)	●

Pathway 10.20 Counseling and Mental Health Services

Assist people with personal, family, educational, mental health, and career decisions or problems.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
10.2001 Clinical, Counseling, & School Psychologists	Humanitarian	(2)	○
10.2002 School Counselors	Humanitarian	(2)	○
10.2003 Industrial-Organizational Psychologists			○
10.2005 Substance Abuse and Behavioral Disorder Counselors	Humanitarian	(2)	○
10.2006 Nutritional Counselors			○
10.2008 Mental Health Counselors	Humanitarian	(2)	○
10.2009 Rehabilitation Counselors			●
10.2010 Residential Counselors			●

Pathway 10.30 Family and Community Services

Provide assistance through social service organizations to individuals who have difficulties caring for themselves.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
10.3001 Community Service Directors			●
10.3006 Human Services Workers	Humanitarian	(2)	○
10.3007 Social Services Workers	Humanitarian	(2)	○
10.3010 Leisure Activities Counselors			●
10.3011 Employment Counselors	Humanitarian	(2)	○
10.3012 Career Counselors	Humanitarian	(2)	○
10.3016 Residential Advisors			●

Pathway 10.30 Family and Community Services

Provide assistance through social service organizations to individuals who have difficulties caring for themselves.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
10.3018 Community Food Service Workers			●
10.3019 Community Housing Service Workers			●
10.3020 Social and Human Services Assistants	Humanitarian	(2)	○

Pathway 10.40 Personal Care Services

Provide services to individuals to improve their physical appearance and well-being.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
10.4001 Barbers			●
10.4002 Cosmetologists, Hairdressers, and Hairstylists			●
10.4003 Shampooer			●
10.4004 Nail Technicians, Manicurists and Pedicurists			●
10.4007 Electrolysis Technicians			●
10.4008 Electrologists			●
10.4010 Embalmers	Scientific	(1)	●
10.4014 Spa Attendants			●
10.4015 Personal Trainers	Humanitarian	(2)	○
10.4016 Massage Therapists	Humanitarian	(2)	●

Cluster 12 Law, Public Safety and Security

Activities in Cluster 12 involve protecting people and enforcing laws. Specialties range from EMTs to police officers to lawyers.

Pathway 12.10 Correction Services

Oversee individuals who have been confined to jail and/or work towards their treatment and return to society.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
12.1002 Case Managers	Humanitarian	(2)	○
12.1003 Community Corrections and Parole Officers	Humanitarian	(2)	○
12.1005 Private Corrections Officer			●
12.1007 Correctional Officers and Jailers			●
12.1008 Probation Officers	Humanitarian	(2)	○
12.1012 Corrections Guard			●
12.1013 Jailers			●

Pathway 12.20 Emergency and Fire Management Services

Help protect the public against fire and a variety of dangers by rapidly responding to emergencies.

<u>Specialty</u>	<u>Interest Area & Rank</u>		<u>Aptitude</u>
12.2001 Emergency Management and Response Coordinator			●
12.2002 Emergency Planning Manager			●
12.2003 EMT	Humanitarian	(2)	●
12.2004 Fire Fighter			●
12.2005 Manager/Supervisor of Fire Fighters			●
12.2010 Dispatcher			●
12.2011 Training Officer, Grant Writer and Coordinator			●
12.2012 Rescue Workers	Humanitarian	(2)	●

Cluster 13 Manufacturing

Activities in Cluster 13 involve creating products from raw materials. Specialties range from welders to Industrial and Manufacturing Engineers.

Pathway 13.40 Quality Assurance

Monitor the quality of raw materials, use of proper standards and procedures and the final product to make sure that products meet performance requirements.

Specialty

Interest Area & Rank

Aptitude

13.4005 Quality Control Technicians

Scientific

(1)

○

13.4006 Medical Appliance Makers

●

13.4007 Precision Optical Goods Workers

●

I Only = Yes; A Only = Yes