



More Than a Career...It's a Calling

JOB SAMPLER

Name _____

For Educational and Occupational Decision Making

JOB SAMPLER

The **Career Direct® Job Sampler** is designed to help broaden your vision of job possibilities based upon your areas of occupational interest. Since there are more than 30,000 documented jobs in the United States, every job cannot be listed in this document. However, almost half of these are offered as a “sampling” of jobs for your review and consideration and match the job titles found in the O*NET electronic database of occupations (see below).

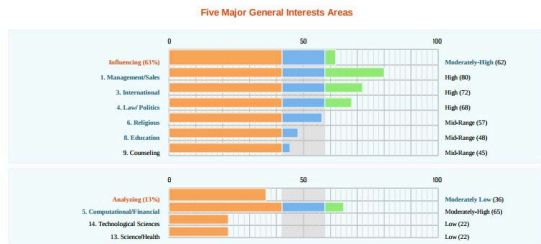
The following pages will supplement your assessment results and offer a broad listing of jobs for you to consider. Please look at the diagram below. Notice the five broad Major Interest Areas (Helping, Expressing, Influencing, Analyzing, and Doing) and the 21 Career Interest groups under each of these major headings listed on the first page of the General Interests section of your **Career Direct** report.

To get the most from the Job Sampler, you will need to have met with your consultant for a full feedback and complete your Action Plan and refer to the specific career groups you listed as your preferences. After looking at this list (or your highest-rated career groups in the General Interests section of the report), refer to the diagram at the bottom of this page. The diagram contains the page numbers of the *Job Sampler* that list occupations related to your career groups of interest.

To find out more about the occupations you find in the *Job Sampler*, use the **Action Plan** module to scroll and click on occupations in the interest career groups for a short definition of the jobs in your interest groups. For more detailed information, you may also choose to click on the O*NET link (the revised *Dictionary of Occupational Titles*), or the *Occupational Outlook Handbook* (O.O.H.) link. These electronic database resources contain an extensive list of occupations and provide comprehensive information about particular jobs, including job descriptions, educational requirements, and salary levels.



HOW TO USE THE JOB SAMPLER



Start with your *Career Direct Report*

- Look at your top Interests Career Groups around p 10-11 of your report.
- Let's suppose your highest interest area is Science/Health. Then you would move to... (below)



Job Sampler page 2

- Notice that Science/Health is located in the Analyzing section of the diagram and you are given the page numbers (pages 14-17) of the *Job Sampler* where the related occupations can be found.
- So scroll to the ... (below)

Job Sampler pages 14-17



ANALYZING
Activities such as analyzing, researching, studying

People employed in this group of occupations usually enjoy working with scientific knowledge, mathematical formulas, statistics, computers, and technical applications. They enjoy research and related activities, such as analysis of data and facts. This group is likely to pursue knowledge and gain advanced degrees.

4a. SCIENCE/HEALTH Career Groups

<p>PHYSICAL SCIENCES biological astronomy</p>	<p>horticultural marine biologist anatomical nutrition zoologist microbiologist pathologist pharmacologist geneticist</p>
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- These pages have lists of related occupations for you to consider.
- If you want more detailed information about any of the Science/Health subgroups, go to the library or the Internet, using one of the available occupation resources such as O*NET or O.O.H.
- Use these resources to find comprehensive descriptions and information about your other general interest career groups and list your top selections in your **Action Plan**.



1. HELPING Interest Areas

Activities such as caring, nurturing, processing

The helping general interest area includes work that is oriented toward providing service, assisting others in their work, or improving their situation. Typical activities include working with the public, preparing and serving food, and using clerical skills to organize information. Successful workers in this field are marked by good organizational skills, patience, strong listening skills, and a strong desire to help others.

1a. SERVICE Career Groups

ADMINISTRATIVE DETAIL

Administrative Services Managers
Caption Writers
Correspondence Clerks
Credit Analysts
Desktop Publishers
Executive Secretaries and Administrative Assistants
First-Line Supervisors, Administrative Support
Human Resources Assistants (Except Payroll and Timekeeping)
Insurance Claims Clerks
Insurance Policy Processing Clerks
Law Clerks
Legal Secretaries
Legal Support Workers, All Other
Loan Counselors
Medical Secretaries
Office and Administrative Support Workers, All Other
Office Clerks, General
Paralegals and Legal Assistants
Secretaries, Except Legal, Medical, and Executive
Teacher Assistants
Title Examiners and Abstractors
Title Searchers

ATTENDANT SERVICES

Ambulance Drivers and Attendants (Except Emergency Medical Technicians)
Amusement and Recreation Attendants
Baggage Porters and Bellhops
Caddies
Costume Attendants
Couriers and Messengers
Dining Room and Cafeteria Attendants
Food Servers, Nonrestaurant
Gas Pumping Station Operators
Locker Room, Coatroom, and Dressing Room Attendants

Nail Technicians
Physical Therapist Aides
Service Station Attendants
Transportation Attendants (Except Flight Attendants and Baggage Porters)
Ushers, Lobby Attendants, and Ticket Takers

CLERICAL HANDLING

Audio-Visual Collections Specialists
File Clerks
Library Assistants, Clerical
Mail Clerks and Mail Machine Operators (Except Postal Service)
Mail Clerks, Except Mail Machine Operators and Postal Service
Marking Clerks
Order Clerks
Paste-Up Workers
Postal Service Mail Sorters, Processors, and Processing Machine Operators
Production, Planning, and Expediting Clerks
Shipping, Receiving, and Traffic Clerks
Stock Clerks and Order Fillers
Stock Clerks- Stockroom, Warehouse, or Storage Yard

CLERICAL MACHINE OPERATION

Billing and Posting Clerks and Machine Operators
Computer Operators
Duplicating Machine Operators
Job Printers
Mail Machine Operators, Preparation and Handling
Office Machine Operators, Except Computer

CUSTOMER SERVICES

Adjustment Clerks
Combined Food Preparation and Serving Workers, Including Fast Food

Counter and Rental Clerks
Counter Attendants, Cafeteria, Food Concession,
and Coffee Shop
Food Preparation Workers
Parking Lot Attendants

FINANCIAL DETAIL

Adjustment Clerks
Automatic Teller Machine Servicers
Bill and Account Collectors
Brokerage Clerks
Cashiers
Court, Municipal, and License Clerks
Credit Authorizers
Credit Authorizers, Checkers, and Clerks
Credit Checkers
Hotel, Motel, and Resort Desk Clerks
Insurance Claims and Policy Processing Clerks
Loan Interviewers and Clerks
Postal Service Clerks
Tellers

HOSPITALITY SERVICES

Amusement and Recreation Attendants
Chefs and Head Cooks
Combined Food Preparation and Serving Workers,
Including Fast Food
Concierges
Counter Attendants, Cafeteria, Food Concession,
and Coffee Shop
Dietetic Technicians
First-Line Supervisors/Managers of Food
Preparation and Serving Workers
Flight Attendants
Food Servers, Nonrestaurant
Funeral Attendants
Hosts and Hostesses, Restaurant, Lounge, and
Coffee Shop
Housekeeping Supervisors
Personal and Home Care Aides
Transportation Attendants (Except Flight Attendants
and Baggage Porters)
Waiters and Waitresses

MATHEMATICAL DETAIL

Billing, Cost, and Rate Clerks
Billing, Posting, and Calculating Machine Operators
Bookkeeping, Accounting, and Auditing Clerks

City Planning Aides
Claims Adjusters, Examiners, and Investigators
Claims Examiners, Property and Casualty
Insurance
Claims Takers, Unemployment Benefits
Cost Estimators
Insurance Appraisers, Auto Damage
Insurance Claims Clerks
Insurance Underwriters
License Clerks
Municipal Clerks
New Accounts Clerks
Order Fillers, Wholesale and Retail Sales
Payroll and Timekeeping Clerks
Procurement Clerks
Statement Clerks
Statistical Assistants
Stock Clerks, Sales Floor
Tax Examiners, Collectors, and Revenue Agents
Welfare Eligibility Workers and Interviewers

ORAL COMMUNICATIONS

Cargo and Freight Agents
Central Office Operators
Customer Service Representatives
Customer Service Representatives, Utilities
Directory Assistance Operators
Eligibility Interviewers, Government Programs
Employment Interviewers, Private or Public
Employment Service
First-Line Supervisors, Customer Service
Hotel, Motel, and Resort Desk Clerks
Interviewers, Except Eligibility and Loan
Media and Communication Workers, All Other
Police, Fire, and Ambulance Dispatchers
Radio Operators
Receptionists and Information Clerks
Reservation and Transportation Ticket Agents
Reservation and Transportation Ticket Agents and
Travel Clerks
Switchboard Operators, Including Answering
Service
Telemarketers
Telephone Operators
Tour Guides and Escorts
Travel Clerks
Welfare Eligibility Workers and Interviewers

RECORDS PROCESSING

Correspondence Clerks
Court Clerks
Court Reporters
Credit Checkers
Data Entry Keyers
Information and Record Clerks, All Other
Library Technicians
Medical Assistants
Medical Records and Health Information Technicians
Medical Secretaries
Medical Transcriptionists
Meter Readers, Utilities
Pharmacy Aides
Postal Service Mail Carriers
Production, Planning, and Expediting Clerks
Proofreaders and Copy Markers
Secretaries, Except Legal, Medical, and Executive Technical Writers
Title Examiners, Abstractors, and Searchers
Weighers, Measurers, Checkers, and Samplers, Recordkeeping
Word Processors and Typists
 proofreader
 stenocaptioner
 stenographer
 tax librarian

1b. **TRANSPORTATION Career Groups**

PASSENGER SERVICES

Bus Drivers, School
Bus Drivers, Transit and Intercity
Locomotive Engineers
Motor Vehicle Operators, All Other
Pilots, Ship
Railroad Conductors and Yardmasters
Subway and Streetcar Operators
Taxi Drivers and Chauffeurs
Tractor-Trailer Truck Drivers
Transportation Managers
Truck Drivers, Heavy
Truck Drivers, Heavy and Tractor-Trailer
Truck Drivers, Light or Delivery Services

1c. **ANIMAL CARE Career Groups**

ANIMAL TRAINING AND SERVICE

Animal Breeders
Animal Scientists
Animal Trainers
First-Line Supervisors and Manager/Supervisors - Animal Husbandry Workers
Nonfarm Animal Caretakers
Veterinarians
Veterinary Assistants and Laboratory Animal Caretakers
Veterinary Technologists and Technicians

1d. **CONSUMER SCIENCE Career Groups**

CONSUMER/HOME MANAGEMENT

Bakers, Bread and Pastry
Chefs and Head Cooks
Child Care Workers
Cooks, All Other
Cooks, Fast Food
Cooks, Institution and Cafeteria
Cooks, Private Household
Cooks, Restaurant
Cooks, Short Order
Costume Attendants
Custom Tailors
Dietetic Technicians
Dietitians and Nutritionists
Dishwashers
Education Administrators, Preschool and Child Care Center/Program
Entertainment Attendants and Related Workers, All Other
First-Line Supervisors/Managers of Personal Service Workers
Food Preparation and Serving Related Workers, All Other
Food Preparation Workers
Healthcare Support Workers, All Other
Home Economics Teachers, Postsecondary
Home Health Aides
Housekeeping Supervisors
Kindergarten Teachers (Except Special Education)
Licensed Practical and Licensed Vocational Nurses
Maids and Housekeeping Cleaners
Nursing Aides, Orderlies, and Attendants
Personal and Home Care Aides
Personal Care and Service Workers, All Other
Physical Therapist Aides

Preschool Teachers (Except Special Education)
Psychiatric Aides
Psychiatric Technicians
Sewers, Hand
Shop and Alteration Tailors
Surgical Technologists
Tailors, Dressmakers, and Custom Sewers

BARBER AND BEAUTY SERVICES

Barbers
Cosmetologists
Hairdressers, Hairstylists, and Cosmetologists
Makeup Artists, Theatrical and Performance
Manicurists and Pedicurists
Shampooers
Skin Care Specialists

DESIGN SERVICES

Fashion Designers
Floral Designers
Interior Designers
Museum Technicians and Conservators



2. EXPRESSING Interest Areas

Artistic activities such as painting, composing, authoring

This general interest area includes occupations that focus on creative expression. This can be evidenced through literature, journalism, art, music, drama, designing, and similar aesthetic fields of work. By their nature, people employed in these fields tend to be somewhat unconventional in their approach to life.

2a. **PERFORMING / COMMUNICATION** **Career Groups**

COMMUNICATIONS

Broadcast News Analysts
Caption Writers
Communications Teachers, Postsecondary
Editors
Entertainers and Performers, Sports and Related Workers, All Other
Foreign Correspondents
Media and Communication Workers, All Other
Park Naturalists
Public Address System and Other Announcers
Radio and Television Announcers
Reporters and Correspondents
Technical Directors/Managers
Tour Guides and Escorts
Training and Development Specialists

MODELING

Modeling Instructors
Models

PERFORMING ARTS: DANCE

Choreographers
Dance Instructors
Dance Studio Managers
Dancers

PERFORMING ARTS: DRAMA

Actors
Art, Drama, and Music Teachers, Postsecondary
Broadcast News Analysts
Directors- Stage, Motion Pictures, Television, and Radio
Drama Teachers, Postsecondary
Producers and Directors
Program Directors
Public Relations Specialists
Radio and Television Announcers

Talent Directors

PERFORMING ARTS: MUSIC

Composers
Ministers of Music
Music Arrangers and Orchestrators
Music Directors
Music Directors and Composers
Music Teachers, Postsecondary
Musicians and Singers
Musicians, Instrumental
Percussion Instrument Repairers and Tuners
Producers
Reed or Wind Instrument Repairers and Tuners
Singers
Stringed Instrument Repairers and Tuners

2b. **WRITING Career Groups**

LITERARY ARTS

Copy Writers
Creative Writers
Editors
English Language and Literature Teachers, Postsecondary
Film and Video Editors
Instructional Coordinators
Poets and Lyricists
Producers
Reporters and Correspondents
Technical Directors/Managers
Technical Writers
Writers and Authors

2c. **ARTISTIC Career Groups**

DESIGNER ARTS

Artists and Related Workers, All Other
Camera Operators
Camera Operators, Television, Video, and Motion Picture

Commercial and Industrial Designers
 Craft Artists
 Custom Tailors
 Designers, All Other
 Engravers, Hand
 Engravers/Carvers
 Etchers
 Etchers and Engravers
 Etchers, Hand
 Exhibit Designers
 Fashion Designers
 Floral Designers
 Graphic Designers
 Interior Designers
 Jewelers
 Jewelers and Precious Stone and Metal Workers
 Makeup Artists, Theatrical and Performance
 Merchandise Displayers and Window Trimmers
 Model and Mold Makers, Jewelry
 Museum Technicians and Conservators
 Pantograph Engravers
 Photoengravers
 Photographers, Scientific
 Photographic Reproduction Technicians
 Photographic Retouchers and Restorers

Precision Etchers and Engravers, Hand or Machine
 Scanner Operators
 Set and Exhibit Designers
 Set Designers
 Silversmiths
 Tailors, Dressmakers, and Custom Sewers

VISUAL ARTS

Art Directors
 Art Teachers, Postsecondary
 Cartoonists
 Film and Video Editors
 Fine Artists, Including Painters, Sculptors, and Illustrators
 Multi-Media Artists and Animators
 Painters and Illustrators
 Photographers
 Potters
 Professional Photographers
 Sculptors
 Sketch Artists



3. INFLUENCING Interest Areas

Activities such as promoting, selling, managing, counseling, teaching

This general interest area includes occupations in which work activities focus on influencing others. This could be through directing, managing, speaking, teaching, counseling, or related leadership positions. People who like these types of occupations are generally confident in their abilities to succeed and enjoy challenges. Strong communicative and leadership skills generally are required in these occupations.

3a. MANAGEMENT / SALES Career Groups

BUSINESS ADMINISTRATION

Business Teachers, Postsecondary
 Chief Executives
 Church Administrators
 Compensation and Benefits Managers
 Computer and Information Systems Managers
 Education Administrators, Preschool and Child Care Center/Program
 Financial Managers
 Financial Managers, Branch or Department
 Government Service Executives
 Human Resources Managers

Human Resources Managers, All Other
 Human Resources, Training, and Labor Relations Specialists, All Other
 Industrial Production Managers
 Industrial-Organizational Psychologists
 Infantry Officers
 International Business Executives
 Postmasters and Mail Superintendents
 Private Sector Executives
 Training and Development Managers

BUSINESS MANAGEMENT

Employment Interviewers, Private or Public
Employment Service
First-Line Supervisors and Manager/Supervisors-
Construction Trades Workers
First-Line Supervisors, Administrative Support
First-Line Supervisors/Managers of Helpers,
Laborers, and Material Movers, Hand
First-Line Supervisors/Managers of Non-Retail
Sales Workers
First-Line Supervisors/Managers of Office and
Administrative Support Workers
First-Line Supervisors/Managers of Personal
Service Workers
First-Line Supervisors/Managers of Production and
Operating Workers
First-Line Supervisors/Managers of Retail Sales
Workers
First-Line Supervisors/Managers of Transportation
and Material-Moving Machine and Vehicle
Operators
Food Service Managers
Funeral Directors
General and Operations Managers
Lodging Managers
Meeting and Convention Planners
Property, Real Estate, and Community Association
Managers
Social and Community Service Managers
Storage and Distribution Managers
Transportation Managers
Transportation, Storage, and Distribution Managers

CONTRACTS AND CLAIMS

Agents and Business Managers of Artists,
Performers, and Athletes
Appraisers, Real Estate
Claims Examiners, Property and Casualty
Insurance
Claims Takers, Unemployment Benefits
Insurance Adjusters, Examiners, and Investigators
Insurance Appraisers, Auto Damage
Licensing Examiners and Inspectors
Real Estate Sales Agents

GENERAL SALES

Demonstrators and Product Promoters
Door-to-Door Sales Workers, News and Street
Vendors, and Related Workers
Driver/Sales Workers
Parts Salespersons
Property, Real Estate, and Community Association
Managers

Real Estate Brokers
Real Estate Sales Agents
Retail Salespersons
Sales Representatives, Agricultural
Sales Representatives, Wholesale and
Manufacturing, Except Technical and Scientific
Products
Telemarketers
Travel Agents

PROMOTION

Advertising and Promotions Managers
Advertising Sales Agents
Agents and Business Managers of Artists,
Performers, and Athletes
Art Directors
Employment, Recruitment, and Placement
Specialists
Marketing Managers
New Accounts Clerks
Personnel Recruiters
Public Relations Managers
Public Relations Specialists
Talent Directors
Travel Guides

SALES TECHNOLOGY

Insurance Sales Agents
Market Research Analysts
Personal Financial Advisors
Purchasing Agents and Buyers, Farm Products
Purchasing Managers
Sales Agents, Financial Services
Sales Agents, Securities and Commodities
Sales and Related Workers, All Other
Sales Engineers
Sales Managers
Sales Representatives, Chemical and
Pharmaceutical
Sales Representatives, Electrical/Electronic
Sales Representatives, Instruments
Sales Representatives, Mechanical Equipment and
Supplies
Sales Representatives, Medical
Sales Representatives, Services, All Other
Sales Representatives, Wholesale and
Manufacturing, Technical and Scientific Products
Securities, Commodities, and Financial Services
Sales Agents
Wholesale and Retail Buyers (Except Farm
Products)

SERVICES ADMINISTRATION

Administrative Services Managers
Airfield Operations Specialists
Business Operations Specialists, All Other
Compensation, Benefits, and Job Analysis Specialists
Correctional Officers and Jailers
Curators
Education Administrators, All Other
Education Administrators, Elementary and Secondary School
Education Administrators, Postsecondary
Education Administrators, Preschool and Child Care Center/Program
Engineering Managers
Equal Opportunity Representatives and Officers
Executive Secretaries and Administrative Assistants
First-Line Supervisors/Managers of Correctional Officers
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective Service Workers, All Other
Foresters
Instructional Coordinators
Logisticians
Management Analysts
Managers, All Other
Medical and Health Services Managers
Medical and Health Services Managers
Natural Sciences Managers

3b. LAW / POLITICS Career Groups

LAW

Administrative Law Judges, Adjudicators, and Hearing Officers
Arbitrators, Mediators, and Conciliators
Judges, Magistrate Judges, and Magistrates
Law Clerks
Law Teachers, Postsecondary
Lawyers
Legal Secretaries
Legal Support Workers, All Other
Paralegals and Legal Assistants
Title Examiners and Abstractors

POLITICS

Campaign Managers
Legislative Aides
Legislators
Lobbyists
Political Advisors
Political Science Teachers, Postsecondary
Political Scientists

3c. EDUCATION Career Groups

EDUCATIONAL/LIBRARY SCIENCES

Adult Literacy, Remedial Education, and GED Teachers and Instructors
Agricultural Sciences Teachers, Postsecondary
Anthropology and Archeology Teachers, Postsecondary
Architecture Teachers, Postsecondary
Area, Ethnic, and Cultural Studies Teachers, Postsecondary
Art Teachers, Postsecondary
Art, Drama, and Music Teachers, Postsecondary
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
Audio-Visual Collections Specialists
Biological Science Teachers, Postsecondary
Business Teachers, Postsecondary
Chemistry Teachers, Postsecondary
College Faculty/Postsecondary Teachers, All Other
Communications Teachers, Postsecondary
Community and Social Service Specialists, All Other
Computer Science Teachers, Postsecondary
Directors, Religious Activities and Education
Drama Teachers, Postsecondary
Economics Teachers, Postsecondary
Education Administrators, All Other
Education Administrators, Elementary and Secondary School
Education Administrators, Postsecondary
Education Administrators, Preschool and Child Care Center/Program
Education Teachers, Postsecondary
Education, Training, and Library Workers, All Other
Educational Psychologists
Educational, Vocational, and School Counselors
Elementary School Teachers, Except Special Education
Engineering Teachers, Postsecondary
English Language and Literature Teachers,

Postsecondary
 Environmental Science Teachers, Postsecondary
 Farm and Home Management Advisors
 Farm Management Advisors (Agricultural Extension Agent)
 Fitness Trainers and Aerobics Instructors
 Foreign Language and Literature Teachers, Postsecondary
 Geography Teachers, Postsecondary
 Graduate Teaching Assistants
 Health Educators
 Health Specialties Teachers, Postsecondary
 Historians
 History Teachers, Postsecondary
 Home Economics Teachers, Postsecondary
 Home Management Advisors (Home Extension Agent)
 Instructional Coordinators
 Kindergarten Teachers, Except Special Education
 Law Teachers, Postsecondary
 Librarians
 Library Assistants, Clerical
 Library Science Teachers, Postsecondary
 Library Technicians
 Mathematical Science Teachers, Postsecondary
 Middle School Teachers, Except Special and Vocational Education
 Music Teachers, Postsecondary
 Nursing Instructors and Teachers, Postsecondary
 Philosophy and Religion Teachers, Postsecondary
 Physics Teachers, Postsecondary
 Political Science Teachers, Postsecondary
 Preschool Teachers, Except Special Education
 Psychology Teachers, Postsecondary
 Recreation and Fitness Studies Teachers, Postsecondary
 Residential Advisors
 Secondary School Teachers, Except Special and Vocational Education
 Self-Enrichment Education Teachers
 Social Sciences Teachers, Postsecondary, All Other
 Social Work Teachers, Postsecondary
 Sociology Teachers, Postsecondary
 Special Education Teachers, Middle School
 Special Education Teachers, Preschool, Kindergarten, and Elementary School
 Special Education Teachers, Secondary School
 Speech-Language Pathologists
 Teacher Assistants
 Teachers and Instructors, All Other
 Training and Development Managers
 Training and Development Specialists
 Vocational Education Teachers Postsecondary

Vocational Education Teachers, Middle School
 Vocational Education Teachers, Secondary School

3d. **COUNSELING Career Groups**

SOCIAL SERVICES

Child, Family, and School Social Workers
 Christian Counselors
 Clinical Psychologists
 Clinical, Counseling, and School Psychologists
 Community and Social Service Specialists, All Other
 Counseling Psychologists
 Counselors, All Other
 Educational, Vocational, and School Counselors
 Marriage and Family Therapists
 Medical and Public Health Social Workers
 Mental Health and Substance Abuse Social Workers
 Mental Health Counselors
 Pastoral Counselors
 Probation Officers and Correctional Treatment Specialists
 Psychiatrists
 Psychologists, All Other
 Rehabilitation Counselors
 Residential Advisors
 Social and Community Service Managers
 Social and Human Service Assistants
 Social Work Teachers, Postsecondary
 Social Workers, All Other
 Special Education Teachers, Middle School
 Substance Abuse and Behavioral Disorder Counselors
 Therapists, All Other

3e. **INTERNATIONAL Career Groups**

Diplomats
 Foreign Correspondents
 Foreign Language and Literature Teachers, Postsecondary
 Foreign Missionaries
 International Business Executives
 Interpreters and Translators
 Peace Corps Volunteers
 Travel Guides
 Travel Guides

3f. RELIGIOUS Career Groups

RELIGIOUS COUNSELING/TEACHING

Bible Scholars
Campus Ministers
Chaplains
Christian Counselors
Christian Teachers/Educators
Church Administrators
Clergy
Directors, Religious Activities and Education
Evangelists
Foreign Missions Teachers
Minister
Ministers of Education
Ministers of Music
Missionary
Pastor
Pastoral Counselors
Philosophy and Religion Teachers, Postsecondary

Priests
Protestant Clergy
Rabbis
Religious Camp Directors
Religious Workers, All Other
Youth Ministers



4. ANALYZING Interest Areas

Activities such as analyzing, researching, studying



People employed in this general interest area of occupations usually enjoy working with scientific knowledge, mathematical formulas, statistics, computers, and technical applications. They enjoy research and related activities, such as analysis of data and facts. This group is likely to pursue knowledge and gain advanced degrees.

4a. SCIENCE / HEALTH Career Groups

CHILD AND ADULT CARE

Cardiovascular Technologists and Technicians
Dental Assistants
Emergency Medical Technicians and Paramedics
Health Educators
Healthcare Practitioners and Technical Workers, All Other
Home Health Aides
Mental Health Counselors
Opticians, Dispensing
Physical Therapist Assistants

LABORATORY TECHNOLOGY

Chemists
Diagnostic Medical Sonographers
Embalmers
Environmental Science and Protection Technicians,

Including Health
Forensic Science Technicians
Geological Data Technicians
Geological Sample Test Technicians
Medical and Clinical Laboratory Technicians
Medical and Clinical Laboratory Technologists
Occupational Health and Safety Technicians
Ophthalmic Laboratory Technicians
Pharmacists
Pharmacy Technicians
Photographers, Scientific
Radiologic Technicians
Radiologic Technologists and Technicians
Respiratory Therapy Technicians
Sales Representatives, Medical
Veterinary Technologists and Technicians

LIFE SCIENCES

Agricultural and Food Science Technicians
Agricultural Sciences Teachers, Postsecondary
Agricultural Technicians
Animal Scientists
Biochemists
Biochemists and Biophysicists
Biological Science Teachers, Postsecondary
Biological Scientists, All Other
Biological Technicians
Biologists
Biomedical Engineers
Biophysicists
Conservation Scientists
Dietitians and Nutritionists
Epidemiologists
Food Science Technicians
Food Scientists and Technologists
Forest and Conservation Technicians
Forestry and Conservation Science Teachers,
Postsecondary
Life Scientists, All Other
Life, Physical, and Social Science Technicians, All
Other
Microbiologists
Natural Sciences Managers
Plant Scientists
Range Managers
Soil and Plant Scientists
Soil Conservationists
Soil Scientists
Zoologists and Wildlife Biologists

MEDICAL SCIENCES

Anesthesiologists
Audiologists
Chiropractors
Coroners
Dentists, All Other Specialists
Dentists, General
Family and General Practitioners
Health Diagnosing and Treating Practitioners, All
Other
Internists, General
Medical Scientists (Except Epidemiologists)
Microbiologists
Nuclear Medicine Technologists
Obstetricians and Gynecologists
Optometrists
Oral and Maxillofacial Surgeons
Orthodontists

Pediatricians, General
Pharmacists
Physicians and Surgeons, All Other
Podiatrists
Prosthodontists
Psychiatrists
Radiologic Technologists
Speech-Language Pathologists
Surgeons
Veterinarians

NURSING, THERAPY, AND SPECIALIZED TEACHING SERVICES

Athletic Trainers
Audiologists
Cardiovascular Technologists and Technicians
Dental Hygienists
Health Specialties Teachers, Postsecondary
Health Technologists and Technicians, All Other
Licensed Practical and Licensed Vocational Nurses
Massage Therapists
Medical and Health Services Managers
Medical and Public Health Social Workers
Medical Assistants
Nuclear Medicine Technologists
Nursing Aides, Orderlies, and Attendants
Nursing Instructors and Teachers, Postsecondary
Occupational Health and Safety Specialists
Occupational Therapist Aides
Occupational Therapist Assistants
Occupational Therapists
Orthotists and Prosthetists
Physical Therapists
Physician Assistants
Psychiatric Technicians
Radiation Therapists
Radiologic Technologists
Recreational Therapists
Registered Nurses
Respiratory Therapists
Surgical Technologists

PHYSICAL SCIENCES

Aerospace Engineers
Archeologists
Astronomers
Atmospheric and Space Scientists
Atmospheric, Earth, Marine, and Space Sciences
Teachers, Postsecondary
Biochemists and Biophysicists
Chemical Engineers

Chemical Technicians
 Chemistry Teachers, Postsecondary
 Chemists
 Environmental Engineering Technicians
 Environmental Engineers
 Environmental Science and Protection Technicians, Including Health
 Environmental Science Teachers, Postsecondary
 Environmental Scientists and Specialists, Including Health
 Geographers
 Geography Teachers, Postsecondary
 Geological and Petroleum Technicians
 Geological Data Technicians
 Geological Sample Test Technicians
 Geologists
 Geoscientists, Except Hydrologists and Geographers
 Highway Patrol Pilots
 Hydrologists
 Life, Physical, and Social Science Technicians, All Other
 Materials Scientists
 Mathematical Science Occupations, All Other
 Mining and Geological Engineers, Including Mining Safety Engineers
 Natural Sciences Managers
 Nuclear Engineers
 Nuclear Technicians
 Petroleum Engineers
 Physical Scientists, All Other
 Physicists
 Physics Teachers, Postsecondary
 Sales Representatives, Chemical and Pharmaceutical
 Soil Scientists

SOCIAL RESEARCH

Anthropologists
 Anthropologists and Archeologists
 Anthropology and Archeology Teachers, Postsecondary
 Archeologists
 Archivists
 Area, Ethnic, and Cultural Studies Teachers, Postsecondary
 Clinical Psychologists
 Clinical, Counseling, and School Psychologists
 Coroners
 Counseling Psychologists
 Economics Teachers, Postsecondary
 Economists
 Educational Psychologists

Forensic Science Technicians
 Historians
 History Teachers, Postsecondary
 Industrial-Organizational Psychologists
 Personnel Recruiters
 Political Science Teachers, Postsecondary
 Political Scientists
 Psychologists, All Other
 Psychology Teachers, Postsecondary
 Social Science Research Assistants
 Social Sciences Teachers, Postsecondary, All Other
 Social Scientists and Related Workers, All Other
 Sociologists
 Sociology Teachers, Postsecondary
 Survey Researchers
 Urban and Regional Planners

4b. COMPUTATIONAL / FINANCIAL Career Groups

FINANCE

Accountants
 Accountants and Auditors
 Appraisers and Assessors of Real Estate
 Appraisers, Real Estate
 Assessors
 Auditors
 Budget Analysts
 Cartographers and Photogrammetrists
 Compensation, Benefits, and Job Analysis Specialists
 Cost Estimators
 Credit Analysts
 Economists
 Financial Analysts
 Financial Examiners
 Financial Managers
 Financial Managers, Branch or Department
 Financial Specialists, All Other
 Insurance Underwriters
 Loan Counselors
 Loan Officers
 Loan Officers
 Logisticians
 Market Research Analysts
 Personal Financial Advisors
 Purchasing Agents and Buyers, Farm Products
 Purchasing Agents (Except Wholesale, Retail, and Farm Products)
 Purchasing Managers
 Sales Agents, Financial Services

Sales Agents, Securities and Commodities
Securities, Commodities, and Financial Services
Sales Agents
Tax Examiners, Collectors, and Revenue Agents
Tax Preparers
Treasurers, Controllers, and Chief Financial Officers
Wholesale and Retail Buyers (Except Farm
Products)

INFORMATION TECHNOLOGY

Command and Control Center Officers
Computer and Information Scientists, Research
Computer and Information Systems Managers
Computer Hardware Engineers
Computer Programmers
Computer Science Teachers, Postsecondary
Computer Security Specialists
Computer Software Engineers, Applications
Computer Software Engineers, Systems Software
Computer Software Engineers, Systems Software
Computer Specialists, All Other
Computer Support Specialists
Computer Systems Analysts
Database Administrators
Network and Computer Systems Administrators
Network Systems and Data Communications
Analysts
Operations Research Analysts

MATHEMATICS AND STATISTICS

Actuaries
Management Analysts
Mathematical Science Occupations, All Other
Mathematical Science Teachers, Postsecondary
Mathematical Technicians
Mathematicians
Statisticians

4c. TECHNOLOGICAL SCIENCES Career Groups

ENGINEERING

Aerospace Engineers
Agricultural Engineers
Architects, Except Landscape and Naval
Architecture Teachers, Postsecondary
Biomedical Engineers
Chemical Engineers
Civil Engineers
Computer and Information Systems Managers
Computer Hardware Engineers
Computer Software Engineers, Applications
Computer Systems Analysts
Electrical Engineers
Electronics Engineers (Except Computer)
Engineering Managers
Engineering Teachers, Postsecondary
Engineers, All Other
Environmental Engineers
Fire-Prevention and Protection Engineers
Health and Safety Engineers (Except Mining Safety
Engineers and Inspectors)
Industrial Engineers
Landscape Architects
Marine Architects
Marine Engineers
Marine Engineers and Naval Architects
Materials Engineers
Mechanical Engineers
Mining and Geological Engineers, Including
Mining Safety Engineers
Nuclear Engineers
Nuclear Monitoring Technicians
Petroleum Engineers
Product Safety Engineers



5. DOING Interest Areas

Activities such as repairing, growing, operating, adventuring

People in this general interest area prefer activities that are hands-on. They are often rugged, physically strong, and prefer working outdoors. They generally prefer achieving practical or visible results, rather than philosophical or theoretical pursuits.

5a. MECHANICAL - GENERAL Career Groups

AIR/WATER VEHICLE OPERATION

- Air Crew Members
- Airline Pilots, Copilots, and Flight Engineers
- Automotive Glass Installers and Repairers
- Captains, Mates, and Pilots of Water Vessels
- Commercial Pilots
- Marine Engineers and Naval Architects
- Pilots, Ship
- Ship and Boat Captains
- Ship Engineers

CRAFT TECHNOLOGY

- Aircraft Body and Bonded Structure Repairers
- Aircraft Engine Specialists
- Aircraft Mechanics and Service Technicians
- Airframe-and-Power-Plant Mechanics
- Automotive Body and Related Repairers
- Automotive Master Mechanics
- Automotive Service Technicians and Mechanics
- Automotive Specialty Technicians
- Avionics Technicians
- Bench Workers, Jewelry
- Bicycle Repairers
- Bookbinders
- Brickmasons and Blockmasons
- Broadcast Technicians
- Bus and Truck Mechanics and Diesel Engine Specialists
- Cabinetmakers and Bench Carpenters
- Calibration and Instrumentation Technicians
- Carpenters
- Coin, Vending, and Amusement Machine Servicers and Repairers
- Construction Carpenters
- Control and Valve Installers and Repairers (Except Mechanical Door)
- Dental Laboratory Technicians
- Electric Home Appliance and Power Tool Repairers
- Electric Meter Installers and Repairers
- Electric Motor, Power Tool, and Related Repairers

- Electrical and Electronics Drafters
- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electrical and Electronics Repairers, Commercial and Industrial Equipment
- Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
- Electrical Parts Reconditioners
- Electricians
- Electrolytic Plating and Coating Machine Operators and Tenders, Metal and Plastic
- Electrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and Plastic
- Electro-Mechanical Technicians
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Electronic Home Entertainment Equipment Installers and Repairers
- Farm Equipment Mechanics
- Hand and Portable Power Tool Repairers
- Hand Compositors and Typesetters
- Heating and Air Conditioning Mechanics
- Heating Equipment Setters and Set-Up Operators, Metal and Plastic
- Heating, Air Conditioning, and Refrigeration Mechanics and Installers
- Home Appliance Repairers
- Installation, Maintenance, and Repair Workers, All Other
- Keyboard Instrument Repairers and Tuners
- Lay-Out Workers, Metal and Plastic
- Locksmiths and Safe Repairers
- Mechanical Door Repairers
- Mechanical Engineering Technicians
- Meter Mechanics
- Mobile Heavy Equipment Mechanics (Except Engines)
- Model Makers, Wood
- Mold Makers, Hand
- Motorboat Mechanics
- Motorcycle Mechanics
- Museum Technicians and Conservators
- Musical Instrument Repairers and Tuners

Outdoor Power Equipment and Other Small Engine Mechanics
Pantograph Engravers
Patternmakers, Wood
Pipe Fitters
Plumbers
Potters
Precision Instrument and Equipment Repairers, All Other
Precision Printing Workers
Rail Car Repairers
Recreational Vehicle Service Technicians
Reed or Wind Instrument Repairers and Tuners
Refractory Materials Repairers (Except Brickmasons)
Refrigeration Mechanics
Sales Representatives, Electrical/Electronic
Sales Representatives, Mechanical Equipment and Supplies
Security and Fire Alarm Systems Installers
Ship Carpenters and Joiners
Shoe and Leather Workers and Repairers
Silversmiths
Soldering and Brazing Machine Setters and Set-Up Operators
Stone Cutters and Carvers
Stonemasons
Stringed Instrument Repairers and Tuners
Tool and Die Makers
Transformer Repairers
Valve and Regulator Repairers
Vocational Education Teachers, Middle School
Vocational Education Teachers, Secondary School
Watch Repairers
Welders, Cutters, Solderers, and Brazers
Welders, Production
Welding Machine Setters and Set-Up Operators
Woodworking Machine Setters and Set-Up Operators, Except Sawing

CRAFTS

Bakers
Bakers, Bread and Pastry
Brattice Builders
Butchers and Meat Cutters
Carpenter Assemblers and Repairers
Carpet Installers
Ceiling Tile Installers
Cement Masons and Concrete Finishers
Construction and Related Workers, All Other
Construction Laborers
Drywall and Ceiling Tile Installers

Drywall Installers
Extraction Workers, All Other
Fallers
Fence Erectors
First-Line Supervisors and Manager Supervisors-Extractive Workers
First-Line Supervisors/Managers of Construction Trades and Extraction Workers
Floor Layers, Except Carpet, Wood, and Hard Tiles
Floor Sanders and Finishers
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
Frame Wires, Central Office
Glaziers
Helpers—Carpenters
Helpers—Electricians
Helpers—Extraction Workers
Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons
Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters
Highway Maintenance Workers
Insulation Workers, Floor, Ceiling, and Wall
Insulation Workers, Mechanical
Irradiated-Fuel Handlers
Molders, Shapers, and Casters (Except Metal and Plastic)
Painters, Construction and Maintenance
Paperhangers
Pipelayers
Pipelaying Fitters
Plasterers and Stucco Masons
Reinforcing Iron and Rebar Workers
Roofers
Septic Tank Servicers and Sewer Pipe Cleaners
Stone Cutters and Carvers
Tapers
Terrazzo Workers and Finishers
Tile and Marble Setters
Woodworkers, All Other

ELEMENTAL WORK: INDUSTRIAL

Bindery Machine Operators and Tenders
Bindery Machine Setters and Set-Up Operators
Bindery Workers
Boilermakers
Explosives Workers, Ordnance Handling Experts, and Blasters
Fabric and Apparel Patternmakers
Fabric Menders (Except Garment)
Fiber Product Cutting Machine Setters and Set-Up Operators

Food Batchmakers
 Freight, Stock, and Material Movers, Hand
 Furniture Finishers
 Grips and Set-Up Workers, Motion Picture Sets,
 Studios, and Stages
 Industrial Machinery Mechanics
 Job Printers
 Metal Workers and Plastic Workers, All Other
 Meter Readers, Utilities
 Packers and Packagers, Hand
 Painters, Transportation Equipment
 Pump Operators (Except Wellhead Pumpers)
 Rock Splitters, Quarry
 Sewing Machine Operators
 Sheet Metal Workers
 Structural Iron and Steel Workers
 Textile, Apparel, and Furnishings Workers, All Other
 Upholsterers
 Wellhead Pumpers

ELEMENTAL WORK: MECHANICAL

Brazers
 Building Cleaning Workers, All Other
 Earth Drillers, Except Oil and Gas
 Electrical Power-Line Installers and Repairers
 First-Line Supervisors/Managers of Mechanics,
 Installers, and Repairers
 Gas Appliance Repairers
 Grounds Maintenance Workers, All Other
 Hazardous Materials Removal Workers
 Helpers, Construction Trades, All Other
 Helpers—Brickmasons, Blockmasons,
 Stonemasons, and Tile and Marble Setters
 Helpers—Installation, Maintenance, and Repair
 Workers
 Helpers—Roofers
 Home Appliance Installers
 Janitors and Cleaners (Except Maids and
 Housekeeping Cleaners)
 Laborers and Freight, Stock, and Material Movers,
 Hand
 Log Graders and Scalers
 Logging Workers, All Other
 Maintenance and Repair Workers, General
 Maintenance Workers, Machinery
 Millwrights
 Refuse and Recyclable Material Collectors
 Rough Carpenters
 Sawing Machine Setters, Operators, and Tenders,
 Wood
 Segmental Pavers
 Signal and Track Switch Repairers
 Solderers

Stone Sawyers
 Tank Car, Truck, and Ship Loaders
 Telecommunications Line Installers and Repairers
 Tire Repairers and Changers

ENGINEERING TECHNOLOGY

Aerospace Engineering and Operations
 Technicians
 Air Traffic Controllers
 Aircraft Launch and Recovery Specialists
 Architectural and Civil Drafters
 Architectural Drafters
 Audio and Video Equipment Technicians
 Battery Repairers
 Boat Builders and Shipwrights
 Broadcast Technicians
 Camera Operators, Television, Video, and Motion
 Picture
 Central Office and PBX Installers and Repairers
 Civil Drafters
 Civil Engineering Technicians
 Communication Equipment Mechanics, Installers,
 and Repairers
 Computer, Automated Teller, and Office Machine
 Repairers
 Construction and Building Inspectors
 Data Processing Equipment Repairers
 Drafters, All Other
 Electric Motor and Switch Assemblers and
 Repairers
 Electrical and Electronic Engineering Technicians
 Electrical and Electronic Inspectors and Testers
 Electrical and Electronics Drafters
 Electrical Drafters
 Electrical Engineering Technicians
 Electrical Engineers
 Electronic Drafters
 Electronics Engineering Technicians
 Electronics Engineers (Except Computer)
 Elevator Installers and Repairers
 Engineering Technicians (Except Drafters, All Others)
 Environmental Engineering Technicians
 Food Preparation and Serving Related Workers, All
 Other
 Geological and Petroleum Technicians
 Industrial Engineering Technicians
 Industrial Safety and Health Engineers
 Machinists
 Mapping Technicians
 Marine Architects
 Marine Engineers
 Mathematical Technicians

Mechanical Drafters
 Mechanical Engineering Technicians
 Media and Communication Equipment Workers, All Other
 Medical Appliance Technicians
 Military Officer Special and Tactical Operations Leaders/Managers, All Other
 Nuclear Monitoring Technicians
 Nuclear Technicians
 Numerical Tool and Process Control Programmers
 Opticians, Dispensing
 Percussion Instrument Repairers and Tuners
 Precision Dyers
 Radar and Sonar Technicians
 Radio Mechanics
 Radio Operators
 Sales Representatives, Instruments
 Ship Engineers
 Sound Engineering Technicians
 Station Installers and Repairers, Telephone
 Surveying and Mapping Technicians
 Surveying Technicians
 Surveyors
 Telecommunications Equipment Installers and Repairers, Except Line Installers
 Telecommunications Facility Examiners
 Traffic Technicians

Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
 Cutting and Slicing Machine Operators and Tenders
 Cutting and Slicing Machine Setters, Operators, and Tenders
 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
 Derrick Operators, Oil and Gas
 Dragline Operators
 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
 Electronic Masking System Operators
 Embossing Machine Set-Up Operators
 Engraver Set-Up Operators
 Excavating and Loading Machine and Dragline Operators
 Excavating and Loading Machine Operators
 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
 Extruding and Forming Machine Operators and Tenders, Synthetic or Glass Fibers
 Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers
 Food Cooking Machine Operators and Tenders
 Forging Machine Setters, Operators, and Tenders, Metal and Plastic
 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
 Gas Compressor Operators
 Gas Distribution Plant Operators
 Gas Processing Plant Operators
 Gaugers
 Glass Cutting Machine Setters and Set-Up Operators
 Grader, Bulldozer, and Scraper Operators
 Grinding, Honing, Lapping, and Deburring Machine Set-Up Operators
 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
 Heat Treating, Annealing, and Tempering Machine Operators and Tenders, Metal and Plastic
 Heaters, Metal and Plastic
 Hoist and Winch Operators
 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
 Laundry and Drycleaning Machine Operators and Tenders, Except Pressing
 Loading Machine Operators, Underground Mining
 Logging Tractor Operators
 Metal Molding, Coremaking, and Casting Machine Operators and Tenders
 Metal-Refining Furnace Operators and Tenders
 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

EQUIPMENT OPERATION

Agricultural Equipment Operators
 Auxiliary Equipment Operators, Power
 Boiler Operators and Tenders, Low Pressure
 Bridge and Lock Tenders
 Buffing and Polishing Set-Up Operators
 Calibration and Instrumentation Technicians
 Casting Machine Set-Up Operators
 Cementing and Gluing Machine Operators and Tenders
 Chemical Equipment Controllers and Operators
 Chemical Equipment Tenders
 Chemical Plant and System Operators
 Coating, Painting, and Spraying Machine Operators and Tenders
 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
 Communications Equipment Operators, All Other
 Computer-Controlled Machine Tool Operators, Metal and Plastic
 Construction Drillers
 Continuous Mining Machine Operators
 Cooling and Freezing Equipment Operators and Tenders

Mine Cutting and Channeling Machine Operators
 Mining Machine Operators, All Other
 Mixing and Blending Machine Setters, Operators, and Tenders
 Model Makers, Metal and Plastic
 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic
 Nonelectrolytic Plating and Coating Machine Operators and Tenders, Metal and Plastic
 Nonelectrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and Plastic
 Operating Engineers
 Operating Engineers and Other Construction Equipment Operators
 Paper Goods Machine Setters, Operators, and Tenders
 Patternmakers, Metal and Plastic
 Paving, Surfacing, and Tamping Equipment Operators
 Petroleum Refinery and Control Panel Operators
 Photographic Processing Machine Operators
 Pile-Driver Operators
 Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic
 Power Generating Plant Operators (Except Auxiliary Equipment Operators)
 Prepress Technicians and Workers
 Press and Press Brake Machine Setters and Set-Up Operators, Metal and Plastic
 Pressers, Hand
 Pressing Machine Operators and Tenders-Textile, Garment, and Related Materials
 Printing Machine Operators
 Printing Press Machine Operators and Tenders
 Punching Machine Setters and Set-Up Operators, Metal and Plastic
 Railroad Brake, Signal, and Switch Operators
 Rail-Track Laying and Maintenance Equipment Operators
 Riggers
 Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
 Roof Bolters, Mining
 Rotary Drill Operators, Oil and Gas
 Roustabouts, Oil and Gas
 Sailors and Marine Oilers
 Sawing Machine Operators and Tenders
 Sawing Machine Setters and Set-Up Operators
 Sawing Machine Tool Setters and Set-Up Operators, Metal and Plastic
 Screen Printing Machine Setters and Set-Up Operators
 Separating, Filtering, Clarifying, Precipitating, and

Still Machine Setters, Operators, and Tenders
 Service Unit Operators, Oil, Gas, and Mining
 Sewing Machine Operators, Garment
 Sewing Machine Operators, Non-Garment
 Shear and Slitter Machine Setters and Set-Up Operators, Metal and Plastic
 Shoe Machine Operators and Tenders
 Shuttle Car Operators
 Soldering and Brazing Machine Operators and Tenders
 Stationary Engineers
 Textile Bleaching and Dyeing Machine Operators and Tenders
 Textile Cutting Machine Setters, Operators, and Tenders
 Welders and Cutters
 Welding Machine Operators and Tenders
 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
 Well and Core Drill Operators
 Woodworking Machine Operators and Tenders, Except Sawing
 Woodworking Machine Setters, Operators, and Tenders, Except Sawing

LAND AND WATER VEHICLE OPERATION

Able Seamen
 Ambulance Drivers and Attendants (Except Emergency Medical Technicians)
 Captains, Mates, and Pilots of Water Vessels
 Crane and Tower Operators
 Dredge Operators
 Driver/Sales Workers
 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators
 Industrial Truck and Tractor Operators
 Locomotive Engineers
 Manufactured Building and Mobile Home Installers
 Mates- Ship, Boat, and Barge
 Motor Vehicle Operators, All Other
 Motorboat Operators
 Ordinary Seamen and Marine Oilers
 Rail Yard Engineers, Dinkey Operators, and Hostlers
 Tractor-Trailer Truck Drivers
 Train Crew Members
 Truck Drivers, Heavy
 Truck Drivers, Heavy and Tractor-Trailer
 Truck Drivers, Light or Delivery Services

MANAGERIAL WORK: MECHANICAL

Air Crew Officers
Aircraft Cargo Handling Supervisors
Aircraft Launch and Recovery Officers
Armored Assault Vehicle Officers
Artillery and Missile Officers
Construction Managers
First-Line Supervisors and Manager/
Supervisors - Agricultural Crop Workers
First-Line Supervisors and Manager/Supervisors -
Fishery Workers
First-Line Supervisors and Manager/Supervisors -
Logging Workers
First-Line Supervisors and Manager/Supervisors-
Construction Trades Workers
First-Line Supervisors and Manager/Supervisors-
Extractive Workers
First-Line Supervisors/Managers of Air Crew
Members
First-Line Supervisors/Managers of All Other
Tactical Operations Specialists
First-Line Supervisors/Managers of Construction
Trades and Extraction Workers
First-Line Supervisors/Managers of Food
Preparation and Serving Workers
First-Line Supervisors/Managers of Helpers,
Laborers, and Material Movers, Hand
First-Line Supervisors/Managers of Housekeeping
and Janitorial Workers
First-Line Supervisors/Managers of Mechanics,
Installers, and Repairers
First-Line Supervisors/Managers of Production and
Operating Workers
First-Line Supervisors/Managers of Weapons
Specialists/Crew Members
Industrial Production Managers
Janitorial Supervisors
Lawn Service Managers
Logging Equipment Operators
Mates- Ship, Boat, and Barge
Railroad Conductors and Yardmasters
Special Forces Officers
Storage and Distribution Managers

MATERIAL CONTROL

Parts Salespersons
Pharmacy Aides
Pharmacy Technicians
Railroad Yard Workers

PASSENGER SERVICES

Bus Drivers, School
Bus Drivers, Transit and Intercity

Subway and Streetcar Operators
Taxi Drivers and Chauffeurs

PRODUCTION TECHNOLOGY

Aircraft Rigging Assemblers
Aircraft Structure Assemblers, Precision
Aircraft Structure, Surfaces, Rigging, and Systems
Assemblers
Aircraft Systems Assemblers, Precision
Camera and Photographic Equipment Repairers
Camera Operators
Combination Machine Tool Operators and Tenders,
Metal and Plastic
Combination Machine Tool Setters and Set-Up
Operators, Metal and Plastic
Dot Etchers
Electrical and Electronic Equipment Assemblers
Electrotypers and Stereotypers
Engine and Other Machine Assemblers
Engravers, Hand
Engravers/Carvers
Etchers
Etchers and Engravers
Etchers, Hand
Extruding, Forming, Pressing, and Compacting
Machine Setters, Operators, and Tenders
Fiberglass Laminators and Fabricators
Film Laboratory Technicians
Fitters, Structural Metal- Precision
Foundry Mold and Coremakers
Gem and Diamond Workers
Glass Blowers, Molders, Benders, and Finishers
Industrial Engineering Technicians
Industrial Engineers
Mail Machine Operators, Preparation and Handling
Materials Engineers
Medical Equipment Repairers
Metal Fabricators, Structural Metal Products
Metal Molding, Coremaking, and Casting Machine
Setters and Set-Up Operators
Model and Mold Makers, Jewelry
Numerical Control Machine Tool Operators and
Tenders, Metal and Plastic
Numerical Tool and Process Control Programmers
Optical Instrument Assemblers
Photoengravers
Photoengraving and Lithographing Machine
Operators and Tenders
Photographic Reproduction Technicians
Plastic Molding and Casting Machine
Operators and Tenders
Plastic Molding and Casting Machine Setters and

Set-Up Operators
Platemakers
Plumbers, Pipefitters, and Steamfitters
Precision Etchers and Engravers, Hand or Machine
Precision Lens Grinders and Polishers
Precision Mold and Pattern Casters (Except Nonferrous Metals)
Precision Pattern and Die Casters, Nonferrous Metals
Scanner Operators
Strippers
Structural Metal Fabricators and Fitters
Timing Device Assemblers, Adjusters, and Calibrators
Typesetting and Composing Machine Operators and Tenders
Welder-Fitters

PRODUCTION WORK

Assemblers and Fabricators, All Other
Bakers, Manufacturing
Bench Workers, Jewelry
Cleaners of Vehicles and Equipment
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
Coating, Painting, and Spraying Machine Setters and Set-Up Operators
Coil Winders, Tapers, and Finishers
Conveyor Operators and Tenders
Cutters and Trimmers, Hand
Design Printing Machine Setters and Set-Up Operators
Dishwashers
Electromechanical Equipment Assemblers
Extruding, Forming, Pressing, and Compacting Machine Operators and Tenders
Extruding, Forming, Pressing, and Compacting Machine Setters and Set-Up Operators
Graders and Sorters, Agricultural Products
Grinding and Polishing Workers, Hand
Hand Compositors and Typesetters
Helpers—Production Workers
Laundry and Dry-Cleaning Workers
Letterpress Setters and Set-Up Operators
Machine Feeders and Offbearers
Marking and Identification Printing Machine Setters and Set-Up Operators
Material Moving Workers, All Other
Meat, Poultry, and Fish Cutters and Trimmers
Mechanical Inspectors
Molding and Casting Workers
Motion Picture Projectionists
Office Machine and Cash Register Servicers

Offset Lithographic Press Setters and Set-Up Operators
Packaging and Filling Machine Operators and Tenders
Painting, Coating, and Decorating Workers
Pewter Casters and Finishers
Photographic Hand Developers
Photographic Process Workers
Plate Finishers
Pourers and Casters, Metal
Pressers, Delicate Fabrics
Pressers, Textile, Garment, and Related Materials
Production Helpers
Production Laborers
Production Workers, All Other
Rail Transportation Workers, All Other
Semiconductor Processors
Slaughterers and Meat Packers
Spotters, Dry Cleaning
Stevedores (Except Equipment Operators)
Team Assemblers
Textile Knitting and Weaving Machine Setters, Operators, and Tenders
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
Tire Builders
Tool Grinders, Filers, and Sharpeners
Transportation Workers, All Other

QUALITY CONTROL

Electrical and Electronic Inspectors and Testers
Environmental Compliance Inspectors
Fire Inspectors
Fire Inspectors and Investigators
Freight Inspectors
Inspectors, Testers, Sorters, Samplers, and Weighers
Locomotive Firers
Materials Inspectors
Mechanical Inspectors
Medical Equipment Preparers
Motor Vehicle Inspectors
Occupational Health and Safety Technicians
Precision Devices Inspectors and Testers
Pressure Vessel Inspectors
Production Inspectors, Testers, Graders, Sorters, Samplers, Weighers
Railroad Inspectors
Train Crew Members
Transportation Inspectors

SYSTEMS OPERATION

Airfield Operations Specialists
Boilermakers
Chemical Equipment Operators and Tenders
Gas Compressor and Gas Pumping Station Operators
Gas Plant Operators
Nuclear Equipment Operation Technicians
Nuclear Power Reactor Operators
Pesticide Handlers, Sprayers, and Applicators, Vegetation
Petroleum Pump System Operators
Petroleum Pump System Operators, Refinery Operators, and Gaugers
Plant and System Operators, All Other
Power Distributors and Dispatchers
Power Plant Operators
Railroad Conductors and Yardmasters
Stationary Engineers and Boiler Operators
Water and Liquid Waste Treatment Plant and System Operators

5b. **OUTDOORS/ AGRICULTURE** **Career Groups**

ELEMENTAL WORK: PLANTS AND ANIMALS

Agricultural Workers, All Other
Fallers
Farmers and Ranchers
Farmworkers and Laborers, Crop, Nursery, and Greenhouse
Farmworkers, Farm and Ranch Animals
Fishers and Related Fishing Workers
Forest and Conservation Workers
General Farmworkers
Graders and Sorters, Agricultural Products
Hunters and Trappers
Landscaping and Groundskeeping Workers
Nursery Workers
Pest Control Workers
Pesticide Handlers, Sprayers, and Applicators, Vegetation
Tree Trimmers and Pruners

GENERAL SUPERVISION: PLANTS AND ANIMALS

Agricultural and Food Science Technicians
Agricultural Technicians

Animal Breeders
Animal Control Workers
Animal Trainers
First-Line Supervisors and Manager/Supervisors - Animal Care Workers (Except Livestock)
First-Line Supervisors and Manager/Supervisors - Fishery Workers
First-Line Supervisors and Manager/Supervisors - Horticultural Workers
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers
Log Graders and Scalars

MANAGERIAL WORK: PLANTS AND ANIMALS

Agricultural Crop Farm Managers
Agricultural Engineers
Agricultural Inspectors
Farm Labor Contractors
Farm Management Advisors (Agricultural Extension Agent)
Farm, Ranch, and Other Agricultural Managers
Farmers and Ranchers
First-Line Supervisors and Manager/Supervisors - Agricultural Crop Workers
First-Line Supervisors and Manager/Supervisors - Animal Care Workers, Except Livestock
First-Line Supervisors and Manager/Supervisors - Animal Husbandry Workers
First-Line Supervisors and Manager/Supervisors - Horticultural Workers
First-Line Supervisors and Manager/Supervisors - Landscaping Workers
First-Line Supervisors and Manager/Supervisors - Logging Workers
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers
Fish and Game Wardens
Fish Hatchery Managers
Forest and Conservation Technicians
Foresters
Forestry and Conservation Science Teachers, Postsecondary
Landscape Architects
Lawn Service Managers
Nursery and Greenhouse Managers
Park Naturalists
Plant Scientists
Purchasing Agents and Buyers, Farm Products
Range Managers
Sales Representatives, Agricultural
Soil Conservationists

5c. **SECURITY AND ENFORCEMENT** **Career Groups**

REGULATIONS ENFORCEMENT

Agricultural Inspectors
Animal Control Workers
Aviation Inspectors
Aviation Inspectors
Child Support, Missing Persons, and
Unemployment Insurance Fraud Investigators
Compliance Officers, Except Agriculture,
Construction, Health and Safety, and Transportation
Computer Security Specialists
Construction and Building Inspectors
Database Administrators
Environmental Compliance Inspectors
Equal Opportunity Representatives and Officers
Financial Examiners
Fire Inspectors and Investigators
Fire Investigators
Freight Inspectors
Government Property Inspectors and Investigators
Health and Safety Engineers (Except Mining Safety
Engineers and Inspectors)
Home Management Advisors (Home Extension
Agent)
Immigration and Customs Inspectors
Industrial Safety and Health Engineers
Licensing Examiners and Inspectors
Marine Cargo Inspectors
Occupational Health and Safety Specialists
Precision Devices Inspectors and Testers
Pressure Vessel Inspectors
Public Transportation Inspectors
Railroad Inspectors

SAFETY AND LAW ENFORCEMENT

Administrative Law Judges, Adjudicators, and
Hearing Officers
Air Traffic Controllers
Bailiffs
Criminal Investigators and Special Agents
Criminal Justice and Law Enforcement Teachers,
Postsecondary
Crossing Guards
Detectives and Criminal Investigators
Emergency Management Specialists
Fire Inspectors
First-Line Supervisors/Managers of Police and
Detectives
Fish and Game Wardens
Forest Fire Fighting and Prevention Supervisors

Forest Fire Inspectors and Prevention
Specialists
Immigration and Customs Inspectors
Marine Cargo Inspectors
Municipal Fire Fighting and Prevention Supervisors
Police and Sheriff's Patrol Officers
Police Detectives
Police Identification and Records Officers
Police Patrol Officers
Private Detectives and Investigators
Sheriffs and Deputy Sheriffs
Transit and Railroad Police

SECURITY SERVICES

Bailiffs
Correctional Officers and Jailers
Dispatchers, Except Police, Fire, and Ambulance
Fire Fighters
Fire-Prevention and Protection Engineers
First-Line Supervisors/Managers of Correctional
Officers
First-Line Supervisors/Managers of Fire Fighting
and Prevention Workers
First-Line Supervisors/Managers, Protective
Service Workers, All Other
Forest Fire Fighters
Forest Fire Fighting and Prevention Supervisors
Lifeguards, Ski Patrol, and Other Recreational
Protective Service Workers
Municipal Fire Fighters
Municipal Fire Fighting and Prevention Supervisors
Parking Enforcement Workers
Police Identification and Records Officers
Police, Fire, and Ambulance Dispatchers
Probation Officers and Correctional Treatment
Specialists
Product Safety Engineers
Production Inspectors, Testers, Graders, Sorters,
Samplers, Weighers
Protective Service Workers, All Other
Security Guards
Transit and Railroad Police

5d. **ATHLETICS Career Groups**

SPORTS

Athletes and Sports Competitors
Athletic Trainers
Coaches and Scouts
Commercial Divers
Entertainers and Performers, Sports and Related
Workers, All Other

Fitness Trainers and Aerobics Instructors
Recreation and Fitness Studies Teachers,
Postsecondary
Recreation Workers
Recreational Therapists
Umpires, Referees, and Other Sports Officials

5e. **ADVENTURE Career Groups**

Able Seamen
Air Crew Members
Air Crew Officers
Aircraft Launch and Recovery Officers
Aircraft Launch and Recovery Specialists
Airline Pilots, Copilots, and Flight Engineers
Armored Assault Vehicle Crew Members
Armored Assault Vehicle Officers
Artillery and Missile Crew Members
Artillery and Missile Officers
Command and Control Center Officers
Command and Control Center Specialists
Commercial Divers
Commercial Pilots
Criminal Investigators and Special Agents
Fire Fighters
First-Line Supervisors/Managers of Air Crew
Members
First-Line Supervisors/Managers of All Other
Tactical Operations Specialists
First-Line Supervisors/Managers of Weapons
Specialists/Crew Members
Highway Patrol Pilots
Infantry

Infantry Officers
Military Enlisted Tactical Operations and Air/
Weapons Specialists and Crew Members, All
Other
Military Officer Special and Tactical Operations
Leaders/Managers, All Other
Private Detectives and Investigators
Radar and Sonar Technicians
Special Forces
Travel Guides

Special Note to Students

Don't wait until graduation to embark on the career that fits you!

Increasing numbers of college students are using an internship as a stepping stone to permanent, postcollege employment. In addition, many high school students are enrolled in some type of on-the-job work training program.

In one branch of a state university, 70 percent of the graduates had been employed as interns or in part-time work in occupations which complemented their curriculum.

We recommend that you use your ***Career Direct*** assessment reports to help you secure part-time or short-term employment in a position directly related to your course of study.

Here is how ***Career Direct*** gives you the edge in seeking an internship.

- 1 Points you toward the type of positions that match your unique pattern and talents.
- 2 Insights and information gained from the reports will build your confidence to communicate your strengths and abilities in an interview.
- 3 Provides accurate, descriptive information for writing your résumé and preparing for interviews.
- 4 Equips you with psychometrically validated reports that you can use to confirm your suitability for a particular occupation.
- 5 Demonstrates your initiative to an employer.

Any student armed with the ***Career Direct*** reports and using the Career Matching process should have a distinct advantage over other applicants for an education related job.

KEY RESOURCES FOR MORE CAREER INFORMATION

To further explore the job clusters contained in your Job Sampler, check the resources listed below. Most of these selections may be found on line.

1. ***The Career Guide to America's Top Industries: Essential Data on Job Opportunities***

Washington, D.C: U.S. Department of Labor, Bureau of Labor Statistics, 2015; available online at www./stats.bls.gov/oco/cg/.

3. ***Guide for Occupational Exploration***, (G.O.E.), Third Edition. J. Michael Farr (Editor), et al, 2005.

4. ***Occupational Outlook Handbook*** (OOH) An excellent resource that gives detailed descriptions of top occupations that represent the highest percentage of all occupations held by Americans. The OOH can be accessed FREE at the U.S. Department of Labor, Bureau of Labor Statistics website www.bls.gov/ooh.

5. ***O*NET Online***. Replaces the old Dictionary of Occupational Titles. The most concise, available source of detailed information about specific occupations from the Bureau of Labor Statistics database. The O*NET contains information on 950 occupations, which covers the majority of jobs held by Americans: skills required, knowledge and education needed, job responsibilities, work activities, level of competence, average pay, and much more. The O*NET is available at www.onetonline.org/.

DEFINITIONS

GENERAL INTEREST Career Groups

Adventure: People who are attracted to this type of work typically engage in adventurous, daring, or risky activities, such as skydiving, racing in competition, mountain climbing, and flying. Occupations include firefighter, elite military unit, military pilot, stunt artist, bush pilot, professional guide, and explosives expert. Occupations in this group require physical and mental attributes, such as balance, strength, and endurance.

Animal Care: This career group relates to activities involving all kinds of animals and include treating sick or injured animals, caring for them in a kennel or lab, training and understanding animal behavior. Common occupations in this career group are veterinarian, animal trainer, and zoo helper. School subjects include animal behavior and physiology and biopsychology.

Artistic: This group involves expressing ideas through the creation of original art work. Typical activities include drawing, designing objects with graphical art, planning and designing interior environments, sculpting, designing theater sets, jewelry design/repair, and photography. Educational courses in art, drawing, art history, interior design, sculpture, or photography may enhance natural talents. Occupations include artist, photographer, and poet.

Athletics: This career group is characterized by a strong interest in athletic pursuits, either as an occupation or as a leisure activity. Activities include competing while using athletic skills, participating with a team, coaching or instructing athletics, training in physical fitness, or teaching sports activities. Successful people in this career group usually are competitive, possess a natural talent for athletics, display a high level of physical coordination, and are disciplined in their training. School subjects are physical education, exercise physiology, health and nutrition, or other physical/athletic related. Related occupations include professional athlete, athletic coach, personal trainer, umpire/official, or a physical education teacher.

Computational/Financial: This career group focuses on solving complex problems by using mathematical or financial formulas and concepts. Activities include preparing tax returns for clients, analyzing mathematical formulas, or using statistics to predict future outcomes. People who enjoy these career fields are usually detail-oriented, analytical, intelligent, precise, and accurate. Education and training includes accounting, finance, statistics, mathematics, computer science, or economics. Occupations include computer systems analyst, mathematician, accounting, banker, statistician, economist, actuary, or an investments planner.

Consumer Science: Activities for this group are menu planning, catering, decorating, hair styling, and personal care. Typical occupations include home economist, homemaker, chef, dietician, fashion designer, interior decorator, and beautician. Areas of study to prepare for these fields include home economics, food science, restaurant management, interior design, clothing, fashion merchandising, child care, and cosmetology.

Counseling: Work in this group relates to influencing others for the purpose of self-improvement and

problem-solving and includes helping people with psychological or interpersonal problems. Typical activities include counseling, testing, listening, and advising others. Occupations include psychologist, school or college counselor, marriage and family therapist, social worker, and career counselor.

Education: People who are interested in this career group enjoy working with people and helping others learn new skills or master new ideas and information. Continuing education, developing lesson plans, and record keeping are also part of the daily workload for those employed in these fields. Occupations include elementary or high school teacher, college professor, adult education teacher, and vocational education teacher.

International: This career group involves a strong desire to travel or work in a foreign country, interact with people from other cultures, and communicate in more than one language. Occupations common to this group are foreign correspondent, translator, international businessperson, diplomat, and foreign language teacher. A strong educational background in foreign studies and languages is recommended.

Law and Politics: Those attracted to this career group have a strong desire to influence the thoughts and opinions of others. They typically like to campaign for political candidates, speak publicly on issues at meetings and press conferences, represent clients in litigation, and hold political office. Many serve in legal professions, such as attorney and judge. Others pursue occupations as elected or appointed officials in government. Attention to detail, a competitive nature, resistance to criticism are important to success in these occupations. Advanced education is also important for many of the positions.

Management/Sales: This career group centers on business-related activities, such as managing, selling, developing marketing strategies, as well as starting and operating a business. Occupations might include marketing representative, manager, insurance agent, stockbroker, business executive, and entrepreneur. Subjects include business administration, management, marketing, human resource management, and finance.

Mechanical: People in this career group enjoy working with their hands, solving mechanical or technical problems, building or constructing objects, or operating machinery. They are usually precise and organized, analytical, mechanically inclined, and like to see tangible results from their efforts. Typical occupations include electrician, industrial maintenance supervisor, auto mechanic, tool/dye maker, carpenter, electronics technician, and aviation technician. Related school subjects may include vocational or industrial shop, automotive technology, cabinetmaking, and woodworking, or courses related to specific industries.

Outdoors/Agriculture: This career group involves outdoor activities, such as studying animals, raising livestock, working with plants, studying fossils, or planning landscaping. People in this group are concerned about nature, interested in animals or livestock, enjoy working with their hands, and do not mind unusual work sites. Related school subjects include courses in agriculture, forestry and wildlife services, horticulture, or landscaping. Typical occupations associated with this career field include a landscaper, forest ranger, farmer, animal scientist, ecologist, horticulturist, or an animal trainer/breeder.

Performing/Communication: People in this career group enjoy entertaining through presentations of artistic talent and/or public speaking. Related occupations include professional singers, musicians, and conductors. Actors and actresses, models, comedians, and related entertainment industry occupations also fit this category, as do radio/TV announcers, reporters, hosts, and commentators. Areas of study are music classes (vocal, instrument), public speaking, and theater.

Religious: This career group centers on activities like providing spiritual or religious guidance and

listening to others' personal problems. Encouraging participation in religious organizations, talking to others about religious beliefs, and conducting worship services are typical activities. Occupations might include pastor, evangelist, missionary, pastoral counselor, and other religious workers. An educational background in religious and/or counseling studies is usually needed.

Science/Health: Work in this career group centers around helping others, researching problems or dilemmas, diagnosing diseases, or studying microscopic organisms. Related activities include dispensing prescription drugs, providing health care to patients, studying complex information, or providing therapy to injured people. Educational training is usually extensive and may include classes in pharmacy, chemistry, dental hygiene, biology, or other science/medical related subjects. Success in this field includes characteristics like attention to details, compassion for others, a high intellect, and good memorization skills. Typical occupations include dental hygienist, optometrist, physician, pharmacist, chemist, nurse, or physical therapist.

Security/Enforcement: The overriding characteristic of this career field is a strong desire to protect people and property and may involve personal risk. Typical activities are investigating crimes, apprehending criminals, patrolling areas to prevent crimes, conducting surveillance, and responding to alarms. Common occupations include police officer, prison guard, bodyguard, private detective, and probation officer.

Service: This group centers on activities that assist, help, or provide a service to others. People in these occupations usually enjoy interacting with people, answering questions, keeping records, inspecting products, operating office equipment or machinery, or providing assistance to others. This broad career group includes occupations like customer service representative, bank teller, cashier, receptionist, secretary, office clerk, restaurant server, hotel clerk, and factory/assembly worker.

Technological Sciences: Those attracted to this career field have a strong desire to plan, design, and be involved in the construction of buildings, roads, airports, and other structures that require a high level of technology. Engineer and architect are typical occupations. A sound education in engineering, architecture, drafting, or mechanical drawing is necessary for success in these types of careers.

Transportation: This career group is centered on activities and occupations involving transportation and driving vehicles. Activities include driving a tractor-trailer truck, driving a locomotive, chauffeuring a limousine, driving a taxi or bus. Occupations include bus driver, taxicab driver, chauffeur, and truck driver. Training may include commercial driving school, safety school, or the like.

Writing: Work in this group relates to communicating ideas through written materials. Activities include writing news stories and articles, television scripts, and movie reviews, composing copy for advertisements, and speech writing. Occupations include writer, reporter, radio/TV writer, or foreign correspondent. A sound educational background in English composition, literature, creative writing, and grammar is important.

ACTIVITIES

Animal Care: This involves activities related to animal care, including treating sick or injured animals, caring for animals in a kennel or lab, training animals to do tricks, and understanding animal behavior.

Artistic: Items related to artistic activities involve drawing pictures of buildings, people, landscapes; sculpting a work of art; photographing subjects; designing with graphics or art; designing for theatrical

productions; creating sound/sight effects; fabricating/repairing jewelry; and the planning/designing of interior environments.

Athletic: These activities are competing while using athletic skills, participating in team sports, training in physical fitness, participating in physically challenging activities, coaching athletics, teaching sports activities in recreational facilities, scouting for a sports team, and officiating at sporting events.

Civil Design: These activities involve major construction design of buildings and roads and plan construction of airports.

Clerical: Activities relating to business/clerical work include typing letters and correspondence, using a computer for word processing, operating various office equipment such as a fax and a copier, entering data on a computer, taking dictation and transcribing notes, creating an organized system for filing, and maintaining files and processing information.

Communication Large Groups: Communication activities include public speaking before large audiences to inform, entertain, or persuade; hosting a TV or radio program; or reporting news stories to a TV or radio audience.

Counseling: Counseling activities are associated with helping others overcome emotional problems, listening to personal problems, counseling and advising someone, providing counseling service in college, giving and interpreting personality tests, and counseling individuals about education and vocation.

Customer Service: These activities include greeting visitors to an office or business, giving information to callers over the phone, assisting customers in a store, scheduling appointments for others, registering hotel guests, and operating a cash register.

Hotel/Restaurant Service: Activities involve cleaning hotel rooms, assisting hotel guests with luggage, cleaning and polishing shoes for customers, serving food in cafeterias, and waiting on tables in restaurants.

Educational: Educational activities include teaching subjects to students in schools, including colleges and universities, directing activities in a class, preparing educational material for others, developing academic policies for a college, administering tests to evaluate progress, and assisting a teacher in a classroom.

Electronics/Machines: Characteristics of these activities are using, maintaining, and repairing tools, machines, engines, and appliances of various types.

Entertainment: These activities involve entertaining an audience by acting in a play, performing a dance, presenting an artistic performance, and choreographing dances for performance.

Factory: These activities involve tasks of various kinds that occur in factories and businesses, such as handling packages on a line, operating machinery that fills containers, controlling automated conveyors, and assembling electronic components and auto components.

Farming: The activities related to farming or ranching primarily involve raising livestock such as beef cattle, breeding or raising poultry to produce eggs, catching or raising fish commercially, developing methods for growing crops, irrigating plants and harvesting crops, and working outdoors.

Financial: Financial activities involve keeping financial records for a business, directing the financial

affairs of an organization, tracking investments, preparing tax returns for individuals or organizations, reading legal documents, counseling on financial matters, and using statistics to solve problems.

Food: Activities related to food involve planning menus/cooking meals commercially, catering food for special occasions, preparing sandwiches for customers, preparing diets for patients, managing a restaurant, creating new dishes/recipes, and planning and preparing meals for a household.

Hand Construction: These activities have a common theme, i.e., working with one's hands in construction, skilled crafts, commercial painting, bricklaying, and so forth.

Health Service/Support: Characteristics of these activities are examining eyes and prescribing corrective lens, designing and fitting eyeglasses, giving hearing and vision tests, dispensing prescription drugs, operating equipment in a hospital or office, and examining teeth and treating dental problems.

International: Foreign activities are associated with working for a company in a foreign country, traveling to various countries, interacting with people from other cultures, communicating in more than one language, and studying foreign affairs.

Landscaping: Landscaping activities involve planning landscaping for a business, planning and trimming trees and shrubs, cultivating lawns and planting flowers, and maintaining the appearance of a park.

Management: Management activities include overseeing the administration of an office, managing and organizing office operations, supervising the work of others, managing a bank branch or office, starting and operating your own business, and serving as president of a company.

Math: Activities associated with math include working with math formulas, solving math puzzles, and calculating and working with numbers.

Musical: Various musical activities include playing a musical instrument for others, composing music, singing solo or with a group for an audience, conducting/directing a vocal music group or symphony orchestra.

Political Communication: This type of communication involves campaigning for political candidates or causes, gathering information for a political party, persuading others to adopt your politics, handling press conferences, or holding a public office.

Provide Medical Care: These medical activities include providing nursing care to patients, preparing patients for surgery, providing therapy for mental illness, planning/providing physical therapy, delivering/caring for babies and moms, performing first aid, and transporting patients to and from the hospital.

Religious: Religious activities include providing spiritual guidance to churches, encouraging participation in church, talking to others about religious beliefs, working as a missionary, conducting religious worship services, and reading the Bible and other religious books.

Research Nature: The activities involved in nature research include reading about nature, studying fossils of plants and animals, observing animals in their natural habitat, and protecting the wilderness.

Research Medical: These activities primarily include conducting researches to find cures for diseases, diagnosing diseases, studying chemical processes of living organisms, and performing surgery to repair injuries.

Risky Activities: Risk and daring characterize these activities that include driving car/motorcycle in competitions, flying combat missions to protect a country, putting out forest fires from an airplane, and controlling and extinguishing fires.

Sales Communication: This type of communication activity means selling products or services; convincing people to buy things; raising money for charities; recruiting members for a club or organization; developing strategies to market products, services, or organizations.

Science Research: The activities related to this concern reading about scientific discoveries and gathering information for research projects, interpreting results of a research project, investigating different solutions to problems, watching TV shows on scientific issues, using information to predict weather, and controlling chemical processes in a factory.

Security: Items associated with security activities include performing arrests or assisting with criminals, carrying out investigations to solve crimes, patrolling areas to prevent crimes, protecting people and property, conducting surveillance, conducting criminal/civil lawsuits, guarding inmates in prison, responding to fire alarms.

Self-employment: Self-employment activities include entrepreneurship, starting a business, and owning one's own business.

Styling: Styling activities are associated with the cleaning, shaping, and polishing of nails, and shampooing and styling hair.

Transportation: This group of activities involves primarily operating various commercial vehicles, such as driving a truck to transport products, driving a train to transport people/freight, chauffeuring a limousine, driving a taxi, or driving a bus to transport people.

Writing Communication: Writing activities can include news stories for broadcast, articles for newspapers and magazines, composing ads, writing TV scripts and movie reviews, or drafting speeches.

OCCUPATIONS

Animal Care: Zookeeper, animal trainer, veterinarian.

Artist: Poet, artist, photographer.

Athletes: Professional athlete, athletic coach, umpire/referee.

Business Leaders: Business owner, president of company, chief executive officer, entrepreneur.

Counselors: Counselor, social worker, psychologist.

Customer Service: Bank teller, office clerk, secretary, cashier, receptionist, phone operator.

Drivers: Driver, chauffeur, bus driver, truck driver.

Educators: Teacher, school principal, professor.

Fashion: Makeup artist, fashion design, hair stylist, interior decorator, tailor, jeweler, florist.

Financial/Mathematics: Accountant, mathematician, statistician, banker, computer programmer, economist.

Home Economics: Home economist, homemaker, housekeeper, day care worker, dietician, chef.

Languages: Foreign language teacher, translator.

Law/Politics: Lawyer, lobbyist, judge, politician, diplomat.

Medical: Dentist, dental hygienist, optometrist, nurse, physician assistant, nurse's aide, physician, pharmacist, X-ray technician.

Performers: Professional singer, actor/actress, comedian, circus performer, model, dancer, musician.

Professional Outdoors: Rancher, farmer, landscaper, forest ranger, tree surgeon, fisherman.

Reporter/Writer: Radio/TV announcer, foreign correspondent, writer.

Sales/Management: Marketing representative, salesperson, manager-retail, manager (hotel/restaurant/large co.), realtor, insurance agent, stockbroker, production supervisor.

Science: Scientist, chemist, researcher, biologist, physicist, laboratory technician.

Security: Police officer, prison guard, body guard, private investigator, probation officer.

Skilled Technical: Engineer, electrician, carpenter, mechanic, architect, construction, plumber, welder, railroad engineer.

SUBJECTS

Agriculture: Horticulture, farming methods, forestry, agriculture.

Art: Art, drawing, art history, art appreciation, interior decorating, graphic design, sculpture, photography.

Business and Management: Business administration, management, labor relations, human resources, marketing.

Clerical: Typing, data processing, word processing, shorthand, office practices.

Education: Early childhood, special, secondary, education.

English: English composition, literature, journalism, creative writing, grammar.

Finance: Accounting, economics, investing, finance.

Foreign Language: Spanish, French, German, Russian, Japanese, Italian, Greek, Chinese.

Home Economics/Domestics: Home economics, gourmet foods, cooking, clothing, food science, crafting, child care, cosmetology.

Mathematics: Algebra, math, computer science, computer programming, geometry, calculus, trigonometry.

Music: Band, music appreciation, music theory, chorale, choir, vocal performance, instrument performance, orchestra.

Physical Education/Training: Dance, tennis, gymnastics, health, football, baseball, volleyball, weight training.

Public Performing: Theater, public speaking, debate.

Religion: Theology, religion, Bible apologetics.

Science: Biology, physics, chemistry, earth science, geology, botany, ecology, anatomy, physiology, animal science.

Social Studies: History, government, sociology, psychology, anthropology, political science, social work, law.

Technological Studies: Engineering, drafting, mechanical drawing, architecture.

Vocational Shop: Electronics, automotive shop, metal works, machine shop, woodworking, electricity, printing.

SKILLS

Analytic: People who score high in this category respond well to intellectual challenges and are comfortable with work activities, such as researching, analyzing facts and figures, and solving abstract problems. They enjoy working with ideas and using critical thinking skills to analyze problems and evaluate solutions. They often generate new ideas or approaches to problems. These skills are useful in science, business, and research, as well as many other occupational fields.

Artistic: Persons in the artistic category are skilled in expressing ideas through the creation of original art work. Abilities include being perceptive, creative, interpretive, expressive, and having the ability to visualize what a completed project or task will look like prior to beginning work. In addition, fine motor eye-hand coordination and dexterity, plus extensive training and practice are required to sufficiently refine one's skills.

Athletic: People high in this skill group have a high level of physical coordination, athletic skills, hand-eye coordination, and a deep desire to compete. They also pursue discipline, training, healthy dietary habits, rigorous exercise, and adherence to athletic ideals. Training in the medical sciences is needed to acquire further knowledge of the human body, muscle groups, and rehabilitation procedures.

Clerical: Skill strengths include accurate record keeping, filing, typing, word processing, copying, knowledge of office procedures, accuracy with basic math, clear communications, knowledge of telephone systems, and proficiency in the use of office machines. Work involving these skill areas also requires attention to detail, neatness, speed, and organizational abilities.

Cross-Cultural: Communicating with people of differing cultures and languages, and perceiving and understanding the

customs of international cultures characterizes the skills of the cross-cultural category. In addition, they have a knack for perceiving, understanding, and adapting to the customs of international cultures. Interests typically include some dimension of translating languages, either in a business, government, or humanitarian-type effort.

Interpersonal: If you scored high in this category, people skills are a natural strength. You probably will do well in careers in which you are required to interact with people on a regular basis. Your ability to communicate effectively and your strong interest in people will naturally generate opportunities for you to counsel, teach, or explain as part of your work. To maximize the use of these skills, be sure your work includes extensive involvement with people, as well as opportunities to communicate with others as an element of your regular duties.

Managing: This skill area focuses on an ability to excel at coordinating the activities of others. A high score usually indicates an ability to persuade and motivate others. People readily respond to your convincing leadership. You likely are adept at delegating work and making decisions. To maximize the use of these skills, you should consider occupations that include management, promoting, delegating, and leading others.

Marketing: Marketing skills involve the ability to identify the needs of customers and to persuade them to use products or services to meet that need. Successful sales and marketing skills usually have a high correlation with superior communication and interpersonal skills. To be successful in marketing or sales, a balance is needed between a strong goal orientation with genuine concern for the customer. Self-confidence must be strong enough to withstand rejection by some customers. Entrepreneurial abilities, including one's own business are closely related.

Math: People who score high in this category are comfortable working with numbers and data. They are precise in calculations and thrive on opportunities to work with information that can be measured, validated, or explained by numerical data. Mathematical skills can be utilized in many different fields, including accounting, engineering, economics, and computer science.

Mechanical: People skilled in mechanics have a knack for building and repairing things and are able to quickly grasp how and why things work like they do and quickly apply mechanical applications to daily life. Skills include a natural ability to solve problems, learn to operate machinery, and work with hand tools, and a possible talent for inventing that has not been developed fully.

Musical: People who score high in the musical category typically have an innate ability to express rhythm, play musical instruments, interpret and express emotions or ideas vocally, understand musical symbols and theory, and differentiate qualities and pitches of tones. In addition, they usually have developed strong self-disciplines that enable them to faithfully commit to long hours of practice.

Organizing: Individuals scoring high in the organizing section typically excel at assembling, storing, and retrieving information, data, and items in a systematic fashion. They naturally perceive how information, details, and things are kept accurate and in good order to maximize efficiency. Skills include being methodical, neat, and systematic in approaching a task.

Working with Others: Socializing with people comes naturally to you since you love to work with others. You enjoy working with the public and will probably do well in careers in which you can capitalize on your natural ease in meeting people and making them feel welcome.

Writing: People who score high on writing skills typically are able to clearly communicate their thoughts and ideas through writing. Writing also requires the ability to synthesize information and present key points logically and concisely in reports, letters, or summaries. Individuals high in this skill area enjoy putting their thoughts down on paper and may enjoy creating original stories, novels, or poems.

WORK ENVIRONMENT VALUES

Adventure/Risks: You like to be where the action is even when it is somewhat risky. Experiencing adventure and working with the unknown and unexpected will keep you motivated in your work.

Challenge: You need the opportunity to solve tough problems and work “make or break” issues. Look for difficult assignments and obstacles to overcome. Controversy is not a problem because you will enjoy restoring order where there is chaos.

Clean Environment: In your work, look for occupations that would not require you to get dirty or be exposed to strong odors. You enjoy a clean, orderly, and sanitary work environment. Your ideal work situation would be one in which the environment and job duties allow you to stay neat and clean all day.

Equality: You enjoy working in a career in which people are treated fairly without regard to race, gender, creed, religion, or national origin. Look for career opportunities in which workers are equally paid at the same competency level and in which all work opportunities are available without prejudice.

Flexible Hours: Being able to set your work schedule around other activities is highly regarded by you. Look for career opportunities in which you have some control over the hours of your work, allowing you to have a flexible schedule.

Harmony: You enjoy a harmonious, agreeable work environment. Look for occupations in which you can work with little confrontation, in harmony with your co-workers and boss, and with a considerate team of individuals into which you fit.

Independence: You will want to make decisions for yourself so look for considerable job autonomy. It is important that you be able to do things the way you want to do them. Everyone has to have guidelines, but it is important that you are able to experiment with your own ideas and work without someone looking over your shoulder.

Outdoors: You enjoy working outdoors rather than staying inside during your work day. Look for opportunities to work in contact with nature and fresh air, even if it means working in the heat, cold, and severe weather.

Stability: You enjoy working in an environment of consistency, an established routine, and no surprises. You value regular hours, steady salary, and a schedule that does not change.

Travel: Look for occupations in which you are able to travel and see different parts of the world. You enjoy meeting new people, taking frequent trips, and having responsibilities away from the office.

Variety: Look for occupations that will involve you in a variety of tasks. Frequent changes in activity will help keep you from getting bored at work. In general, you probably will be more motivated if you can work with different problems and different people on a daily basis.

Well Organized: You value a highly structured and organized work environment. Seek careers in which the work environment promotes order, neatness, and systematic processes.

WORK OUTCOMES VALUES

Career Progression: You are interested in occupations that offer a well-defined progression of career positions. You enjoy moving up in the organization so you can increase your responsibility and authority at work. Look for job settings that offer a chance to grow and develop in your field.

Continuing Education: You enjoy growing and developing as a professional in your career field. Having the opportunity to take development courses, workshops, or formal education is important to you. Look for job opportunities that promote personal growth through continued education.

Help Others: Contributing to the welfare and growth of others is important to you and should be an integral part of your work. This could be carried out through training, teaching, counseling, encouraging, and the provision of financial resources. Your occupational choice should afford the opportunity to express your concern for others.

High Income: You value being highly rewarded financially for your efforts at work. You believe a high income level is a factor needed to feel successful in your work.

Intellectual Stimulation: You enjoy thinking through complex issues and applying reasoning skills to solve problems. The opportunity to acquire new information and think at an intellectual level should be an important consideration in career choices.

Leadership: You will feel comfortable in positions of responsibility for people and resources. You are comfortable taking charge, telling others what to do, and making decisions for the group. Your work should include the opportunity to lead a team toward a common goal.

Recognition: You are willing to work hard in order to be known as someone who has made his or her mark. Recognition of accomplishments will be a big motivator for you so analyze potential occupational choices carefully to be sure that a clearly defined rewards system is present.

Security: You would like to know that you have a job that will be around for a long period of time. Some career opportunities still have a measure of security; however, keep in mind that they are on the decline. Job security is now much more dependent on your ability to continually develop your skills to meet the changing workplace.

LIFE VALUES

Achievement: You set lofty goals and strive for excellence in all you do. Achieving your full potential is extremely important

to you. Look for opportunities in which you are able to set high goals and see the results from your efforts.

Aesthetics: Artistic expression and creativeness are high priorities in your life. You enjoy being involved in activities that make life more beautiful, where you can use your emotional sensitivity, and where you can freely express your creative views and talents.

Family: Your family has a high value for you and you want to be able to take care for them whenever they need you. You consider it important to be available and involved in their activities. Having a lot of quality time with your family is important to you and should be an consideration to the occupational choices you make.

Friends: Making and keeping friendships is an important part of your life. You enjoy spending time with close friends, helping them when they need you, and building and developing new friendships. You value a lifestyle that allows time to “get away” from responsibilities and enjoy time with close friends and acquaintances.

Help Others: As a part of fulfilling your life purpose, you believe it is important to help others. You should make sure that your work contributes positively to the well being of others.

Integrity: Honesty in every area of life is a key value for you. You make every effort to keep your commitments and live by the highest standard of fairness and truth. To be sure you will not be asked to compromise your integrity, carefully evaluate the work environment and the leadership, as well as products and services of any organization you are considering for employment.

Leisure: Having time for entertainment and recreation are important values in your life. You enjoy a career setting where you have time away from work to pursue other interests or hobbies. Look for career opportunities that allow you time to enjoy other pursuits and give you adequate time to relax and enjoy life.

Make Money: You believe accumulating wealth is an essential part of your happiness. You probably value a lifestyle in which you are able to have frequent vacations, live in a nice home, and drive nice automobiles; or perhaps you want to be a very generous provider to others and to the charitable causes you support.

Serve God: You have indicated that your life mission involves serving God in everything you do. It will be very important for you to see how your work is contributing to that goal. Remember that all occupations offer the opportunity to serve Him. Kindness and a commitment to excellence can be an attractive light for others in the workplace.



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