

2017 Virginia Demand Occupations List

The following list represents the occupations within the 11 identified priority fields endorsed by the Virginia Board of Workforce Development as identified by the Demand Occupations Taskforce. Inclusion on this list makes approved related non-credit workforce training activities eligible for funding through the New Economy Workforce Credential Grant Program. The complete list of approved non-credit workforce training programs can be found at www.elevatevirginia.com.

15-0000 Computer and Mathematical Occupations

151132	Software Developers, Applications	151131	Computer Programmers
151133	Software Developers, Systems Software	152031	Operations Research Analysts
151121	Computer Systems Analysts	151152	Computer Network Support Specialists
151151	Computer User Support Specialists	151141	Database Administrators
151142	Network and Computer Systems Administrators	151134	Web Developers
151122	Information Security Analysts	151199	Computer Occupations, All Other
151143	Computer Network Architects		

17-0000 Architecture and Engineering Occupations

172051	Civil Engineers	173023	Electrical and Electronics Engineering Technicians
172121	Marine Engineers and Naval Architects	171011	Architects, Except Landscape and Naval
172141	Mechanical Engineers	172199	Engineers, All Other
172071	Electrical Engineers	172081	Environmental Engineers
172011	Aerospace Engineers	173029	Engineering Technicians, Except Drafters, All Other
172072	Electronics Engineers, Except Computer	173022	Civil Engineering Technicians
172112	Industrial Engineers	172161	Nuclear Engineers

19-0000 Life, Physical and Social Science Occupations

192041	Environmental Scientists and Specialists, Including Health	194099	Life, Physical, and Social Science Technicians, All Other
194092	Forensic Science Technicians	193099	Social Scientists and Related Workers, All Other
		194021	Biological Technicians

25-0000 Education, Training, and Library Occupations

251194	Vocational Education Teachers, Postsecondary	253097	Teachers and Instructors, All Other, Except Substitute Teachers
252021	Elementary School Teachers, Except Special Education	253098	Substitute Teachers
259041	Teacher Assistants	254031	Library Technicians
252031	Secondary School Teachers, Except Special and Career/Technical Education	252052	Special Education Teachers, Kindergarten and Elementary School
253098	Substitute Teachers	252032	Career/Technical Education Teachers, Secondary School
252022	Middle School Teachers, Except Special and Career/Technical Education	251191	Graduate Teaching Assistants
252011	Preschool Teachers, Except Special Education	252054	Special Education Teachers, Secondary School
253021	Self-Enrichment Education Teachers	253011	Adult Basic and Secondary Education and Literacy Teachers and Instructors
252012	Kindergarten Teachers, Except Special Education	252053	Special Education Teachers, Middle School

29-0000 Healthcare Practitioners and Technical Occupations

291141	Registered Nurses	292081	Opticians, Dispensing
292061	Licensed Practical and Licensed Vocational Nurses	292053	Psychiatric Technicians
292041	Emergency Medical Technicians and Paramedics	292056	Veterinary Technologists and Technicians
292021	Dental Hygienists	292032	Diagnostic Medical Sonographers
292052	Pharmacy Technicians	292055	Surgical Technologists
292012	Medical and Clinical Laboratory Technicians	299011	Occupational Health and Safety Specialists
292011	Medical and Clinical Laboratory Technologists	292031	Cardiovascular Technologists and Technicians
292071	Medical Records and Health Information Technicians	291126	Respiratory Therapists
292034	Radiologic Technologists		

299099 Healthcare Practitioners and Technical Workers, All

Other

31-0000 Healthcare Support Occupations

311014 Nursing Assistants
319092 Medical Assistants
319091 Dental Assistants
319097 Phlebotomists
319096 Veterinary Assistants and Laboratory Animal Caretakers
319011 Massage Therapists

312021 Physical Therapist Assistants
312022 Physical Therapist Aides
319099 Healthcare Support Workers, All Other
319094 Medical Transcriptionists
312011 Occupational Therapy Assistants

43-0000 Office and Administrative Support Occupations

439061 Office Clerks, General
434051 Customer Service Representatives
431011 First-Line Supervisors of Office and Administrative Support Workers
434171 Receptionists and Information Clerks
433031 Bookkeeping, Accounting, and Auditing Clerks
436014 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive
433071 Tellers
433021 Billing and Posting Clerks
435071 Shipping, Receiving, and Traffic Clerks
433011 Bill and Account Collectors
436013 Medical Secretaries
434081 Hotel, Motel, and Resort Desk Clerks
436011 Executive Secretaries and Executive Administrative Assistants
435061 Production, Planning, and Expediting Clerks
439199 Office and Administrative Support Workers, All Other

435052 Postal Service Mail Carriers
434199 Information and Record Clerks, All Other
439041 Insurance Claims and Policy Processing Clerks
434121 Library Assistants, Clerical
435032 Dispatchers, Except Police, Fire, and Ambulance
435031 Police, Fire, and Ambulance Dispatchers
433051 Payroll and Timekeeping Clerks
434061 Eligibility Interviewers, Government Programs
434151 Order Clerks
439051 Mail Clerks and Mail Machine Operators, Except Postal Service
433061 Procurement Clerks
434131 Loan Interviewers and Clerks
434071 File Clerks
434111 Interviewers, Except Eligibility and Loan
439021 Data Entry Keyers
435011 Cargo and Freight Agents

47-0000 Construction and Extraction Occupations

472031 Carpenters
471011 First-Line Supervisors of Construction Trades and Extraction Workers
472111 Electricians
472073 Operating Engineers and Other Construction Equipment Operators
472152 Plumbers, Pipefitters, and Steamfitters
472211 Sheet Metal Workers

473013 Helpers--Electricians
474011 Construction and Building Inspectors
472021 Brickmasons and Blockmasons
474051 Highway Maintenance Workers
473015 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
472132 Insulation Workers, Mechanical

49-000 Installation, Maintenance, and Repair Occupations

499071 Maintenance and Repair Workers, General
493023 Automotive Service Technicians and Mechanics
491011 First-Line Supervisors of Mechanics, Installers, and Repairers
499041 Industrial Machinery Mechanics
499021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers
493031 Bus and Truck Mechanics and Diesel Engine Specialists
499098 Helpers--Installation, Maintenance, and Repair Workers
499052 Telecommunications Line Installers and Repairers

493021 Automotive Body and Related Repairers
499051 Electrical Power-Line Installers and Repairers
493042 Mobile Heavy Equipment Mechanics, Except Engines
492098 Security and Fire Alarm Systems Installers
492011 Computer, Automated Teller, and Office Machine Repairers
493093 Tire Repairers and Changers
499099 Installation, Maintenance, and Repair Workers, All Other
493011 Aircraft Mechanics and Service Technicians

51-0000 Production Occupations

514121 Welders, Cutters, Solderers, and Brazers
514041 Machinists
519061 Inspectors, Testers, Sorters, Samplers, and Weighers
511011 First-Line Supervisors of Production and Operating Workers
519199 Production Workers, All Other

519111 Packaging and Filling Machine Operators and Tenders
512092 Team Assemblers
518031 Water and Wastewater Treatment Plant and System Operators
515112 Printing Press Operators
512099 Assemblers and Fabricators, All Other

514011 Computer-Controlled Machine Tool Operators, Metal and Plastic
517041 Sawing Machine Setters, Operators, and Tenders, Wood
513092 Food Batchmakers

519041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
519023 Mixing and Blending Machine Setters, Operators, and Tenders
519081 Dental Laboratory Technicians

53-0000 Transportation and Material Moving Occupations

532031 Flight Attendants
533032 Heavy and Tractor-Trailer Truck Drivers
533022 Bus Drivers, School or Special Client
533033 Light Truck or Delivery Services Drivers
533031 Driver/Sales Workers
531031 First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators

531021 First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand
533021 Bus Drivers, Transit and Intercity
535021 Captains, Mates, and Pilots of Water Vessels
537021 Crane and Tower Operators
536099 Transportation Workers, All Other
532011 Airline Pilots, Copilots, and Flight Engineers
532031 Flight Attendants