

# 2018-2019 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.virginiacareerworks.com](http://www.virginiacareerworks.com).

## 15-0000 Computer and Mathematical Occupations

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

## 17-0000 Architecture and Engineering Occupations

172051	Civil Engineers	172112	Industrial Engineers
172071	Electrical Engineers	172141	Mechanical Engineers
172072	Electronics Engineers, Except Computer	173023	Electrical and Electronics Engineering Technicians

## 19-0000 Life, Physical and Social Science Occupations

192041 Environmental Scientists and Specialists, Including Health

## 25-0000 Education, Training, and Library Occupations

252011	Preschool Teachers, Except Special Education	252054	Special Education Teachers, Secondary School
252012	Kindergarten Teachers, Except Special Education	253021	Self-Enrichment Education Teachers
252021	Elementary School Teachers, Except Special Education	253097	Teachers and Instructors, All Other, Except Substitute Teachers
252022	Middle School Teachers, Except Special and Career/Technical Education	253098	Substitute Teachers
252031	Secondary School Teachers, Except Special and Career/Technical Education	254031	Library Technicians
252052	Special Education Teachers, Kindergarten and Elementary School	259041	Teacher Assistants

## 29-0000 Healthcare Practitioners and Technical Occupations

291141	Registered Nurses	292041	Emergency Medical Technicians and Paramedics
292011	Medical and Clinical Laboratory Technologists	292052	Pharmacy Technicians
292012	Medical and Clinical Laboratory Technicians	292061	Licensed Practical and Licensed Vocational Nurses
292021	Dental Hygienists	292071	Medical Records and Health Information Technicians
292034	Radiologic Technologists	292081	Opticians, Dispensing

## 31-0000 Healthcare Support Occupations

311014	Nursing Assistants	319092	Medical Assistants
312021	Physical Therapist Assistants	319096	Veterinary Assistants and Laboratory Animal Caretakers
319011	Massage Therapists	319097	Phlebotomists
319091	Dental Assistants		

## 43-0000 Office and Administrative Support Occupations

431011	First-Line Supervisors of Office and Administrative Support Workers	434051	Customer Service Representatives
433011	Bill and Account Collectors	434081	Hotel, Motel, and Resort Desk Clerks
433021	Billing and Posting Clerks	434111	Interviewers, Except Eligibility and Loan
433031	Bookkeeping, Accounting, and Auditing Clerks	434121	Library Assistants, Clerical
433071	Tellers	434131	Loan Interviewers and Clerks
		434151	Order Clerks

434171 Receptionists and Information Clerks  
434199 Information and Record Clerks, All Other  
435032 Dispatchers, Except Police, Fire, and Ambulance  
435052 Postal Service Mail Carriers  
435061 Production, Planning, and Expediting Clerks  
435071 Shipping, Receiving, and Traffic Clerks  
436011 Executive Secretaries and Executive Administrative Assistants

**47-0000 Construction and Extraction Occupations**

471011 First-Line Supervisors of Construction Trades and Extraction Workers  
472031 Carpenters  
472073 Operating Engineers and Other Construction Equipment Operators  
472111 Electricians

**49-000 Installation, Maintenance, and Repair Occupations**

491011 First-Line Supervisors of Mechanics, Installers, and Repairers  
492098 Security and Fire Alarm Systems Installers  
493021 Automotive Body and Related Repairers  
493023 Automotive Service Technicians and Mechanics  
493031 Bus and Truck Mechanics and Diesel Engine Specialists

**51-0000 Production Occupations**

511011 First-Line Supervisors of Production and Operating Workers  
512092 Team Assemblers  
512099 Assemblers and Fabricators, All Other  
514041 Machinists  
514121 Welders, Cutters, Solderers, and Brazers

**53-0000 Transportation and Material Moving Occupations**

531021 First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand  
531031 First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators  
533021 Bus Drivers, Transit and Intercity

436013 Medical Secretaries  
436014 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive  
439041 Insurance Claims and Policy Processing Clerks  
439061 Office Clerks, General  
439199 Office and Administrative Support Workers, All Other

472151 Pipelayer<sup>1</sup>  
472152 Plumbers, Pipefitters, and Steamfitters  
472211 Sheet Metal Workers  
474011 Construction and Building Inspectors  
474051 Highway Maintenance Workers

499021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers  
499041 Industrial Machinery Mechanics  
499051 Electrical Power-Line Installers and Repairers  
499052 Telecommunications Line Installers and Repairers  
499071 Maintenance and Repair Workers, General  
499098 Helpers--Installation, Maintenance, and Repair Workers

518031 Water and Wastewater Treatment Plant and System Operators  
519061 Inspectors, Testers, Sorters, Samplers, and Weighers  
519111 Packaging and Filling Machine Operators and Tenders  
519199 Production Workers, All Other

533022 Bus Drivers, School or Special Client  
533031 Driver/Sales Workers  
533032 Heavy and Tractor-Trailer Truck Drivers  
533033 Light Truck or Delivery Services Drivers

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<sup>1</sup> This occupation was approved under the defined petition process for the Hampton Roads Region – Local Workforce Development Area XVI on June 7, 2018.