List of high-paying middle-skills occupations and aligned programs of study

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460000	Construction trades, general
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460101	Mason/masonry
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460201	Carpentry/carpenter
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460302	Electrician
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460401	Building/property maintenance
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460402	Concrete finishing/concrete finisher
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460403	Building/home/construction inspection/inspector
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460404	Drywall installation/drywaller
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460406	Glazier
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460408	Painting/painter and wall coverer
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460410	Roofer
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460412	Building/construction site management/manager
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460413	Carpet, floor, and tile worker
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460414	Insulator

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460415	Building construction technology/technician
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460502	Pipefitting/pipefitter and sprinkler fitter
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460503	Plumbing technology/plumber
Blue-collar	471011	First-line supervisors of construction trades and extraction workers	18	460504	Well drilling/driller
Blue-collar	472071	Paving, surfacing, and tamping equipment operators	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	472072	Pile driver operators	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	472073	Operating engineers and other construction equipment operators	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	474021	Elevator and escalator installers and repairers	1	470303	Industrial mechanics and maintenance technology/technician
Blue-collar	475011	Derrick operators, oil and gas	1	460504	Well drilling/driller
Blue-collar	475012	Rotary drill operators, oil and gas	1	460504	Well drilling/driller
Blue-collar	475013	Service unit operators, oil and gas	1	150901	Mining technology/technician
Blue-collar	475022	Excavating and loading machine and dragline operators, surface mining	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	475023	Earth drillers, except oil and gas	2	460504	Well drilling/driller
Blue-collar	475023	Earth drillers, except oil and gas	2	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	475041	Continuous mining machine operators	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	475049	Underground mining machine operators, all other	1	490202	Construction/heavy equipment/earthmoving equipment operation

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Blue-collar	475099	Extraction workers, all other	1	490202	Construction/heavy equipment/earthmoving equipment operation
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	460301	Electrical and power transmission installation/installer, general
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	460303	Lineworker
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470000	Mechanics and repairers, general
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470600	Vehicle maintenance and repair technology/technician, general
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470617	High performance and custom engine technician/mechanic
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470701	Energy systems installation and repair technology/technician
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470703	Solar energy system installation and repair technology/technician
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	470704	Wind energy system installation and repair technology/technician
Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers	9	520205	Operations management and supervision
Blue-collar	493041	Farm equipment mechanics and service technicians	4	10201	Agricultural mechanization, general
Blue-collar	493041	Farm equipment mechanics and service technicians	4	10204	Agricultural power machinery operation
Blue-collar	493041	Farm equipment mechanics and service technicians	4	10205	Agricultural mechanics and equipment/machine technology/technician
Blue-collar	493041	Farm equipment mechanics and service technicians	4	10299	Agricultural mechanization, other

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Blue-collar	493042	Mobile heavy equipment mechanics, except engines	2	10205	Agricultural mechanics and equipment/machine technology/technician
Blue-collar	493042	Mobile heavy equipment mechanics, except engines	2	470302	Heavy equipment maintenance technology/technician
Blue-collar	493043	Rail car repairers	1	470302	Heavy equipment maintenance technology/technician
Blue-collar	499012	Control and valve installers and repairers, except mechanical door	2	470302	Heavy equipment maintenance technology/technician
Blue-collar	499012	Control and valve installers and repairers, except mechanical door	2	470303	Industrial mechanics and maintenance technology/technician
Blue-collar	499041	Industrial machinery mechanics	2	470303	Industrial mechanics and maintenance technology/technician
Blue-collar	499041	Industrial machinery mechanics	2	470701	Energy systems installation and repair technology/technician
Blue-collar	499044	Millwrights	1	470303	Industrial mechanics and maintenance technology/technician
Blue-collar	499045	Refractory materials repairers, except brickmasons	1	470303	Industrial mechanics and maintenance technology/technician
Blue-collar	499051	Electrical power-line installers and repairers	3	460301	Electrical and power transmission installation/installer, general
Blue-collar	499051	Electrical power-line installers and repairers	3	460303	Lineworker
Blue-collar	499051	Electrical power-line installers and repairers	3	460399	Electrical and power transmission installers, other
Blue-collar	511011	First-line supervisors of production and operating workers	1	520205	Operations management and supervision
Blue-collar	514111	Tool and die makers	1	480507	Tool and die technology/technician
Blue-collar	518011	Nuclear power reactor operators	1	410205	Nuclear/nuclear power technology/technician
Blue-collar	518013	Power plant operators	1	151702	Power plant technology/technician
Blue-collar	518091	Chemical plant and system operators	2	410301	Chemical technology/technician
Blue-collar	518091	Chemical plant and system operators	2	410303	Chemical process technology

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Blue-collar	518092	Gas plant operators	1	150903	Petroleum technology/technician
Blue-collar	532011	Airline pilots, copilots, and flight engineers	2	490102	Airline/commercial/professional pilot and flight crew
Blue-collar	532011	Airline pilots, copilots, and flight engineers	2	490108	Flight instructor
Blue-collar	532012	Commercial pilots	2	490102	Airline/commercial/professional pilot and flight crew
Blue-collar	532012	Commercial pilots	2	490108	Flight instructor
Blue-collar	532021	Air traffic controllers	1	490105	Air traffic controller
Blue-collar	532022	Airfield operations specialists	1	490105	Air traffic controller
Blue-collar	534011	Locomotive engineers	1	490208	Railroad and railway transportation
Blue-collar	534013	Rail yard engineers, dinkey operators, and hostlers	1	490208	Railroad and railway transportation
Blue-collar	534031	Railroad conductors and yardmasters	1	490208	Railroad and railway transportation
Blue-collar	537021	Crane and tower operators	1	490202	Construction/heavy equipment/earthmoving equipment operation
Health	291126	Respiratory therapists	1	510908	Respiratory care therapy/therapist
Health	291141	Registered nurses	12	513801	Registered nursing/registered nurse
Health	291141	Registered nurses	12	513802	Nursing administration
Health	291141	Registered nurses	12	513803	Adult health nurse/nursing
Health	291141	Registered nurses	12	513805	Family practice nurse/nursing
Health	291141	Registered nurses	12	513808	Nursing science
Health	291141	Registered nurses	12	513811	Public health/community nurse/nursing
Health	291141	Registered nurses	12	513812	Perioperative/operating room and surgical nurse/nursing
Health	291141	Registered nurses	12	513815	Occupational and environmental health nursing
Health	291141	Registered nurses	12	513818	Nursing practice
Health	291141	Registered nurses	12	513819	Palliative care nursing
Health	291141	Registered nurses	12	513821	Geriatric nurse/nursing
Health	291141	Registered nurses	12	513899	Registered nursing, nursing administration, nursing research and clinical nursing, other

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Health	292031	Cardiovascular technologists and technicians	3	510901	Cardiovascular technology/technologist
Health	292031	Cardiovascular technologists and technicians	3	510902	Electrocardiograph technology/technician
Health	292031	Cardiovascular technologists and technicians	3	510915	Cardiopulmonary technology/technologist
Health	292032	Diagnostic medical sonographers	1	510910	Diagnostic medical sonography/sonographer and ultrasound technician
Health	292033	Nuclear medicine technologists	1	510905	Nuclear medical technology/technologist
Health	292034	Radiologic technologists and technicians	3	510907	Medical radiologic technology/science - radiation therapist
Health	292034	Radiologic technologists and technicians	3	510911	Radiologic technology/science - radiographer
Health	292034	Radiologic technologists and technicians	3	510919	Mammography technology/technician
Health	292035	Magnetic resonance imaging technologists	1	510920	Magnetic resonance imaging (mri) technology/technician
Health	292036	Medical dosimetrists	1	510907	Medical radiologic technology/science - radiation therapist
Health	292043	Paramedics	1	510904	Emergency medical technology/technician (emt paramedic)
Management	111011	Chief executives	8	440401	Public administration
Management	111011	Chief executives	8	520101	Business/commerce, general
Management	111011	Chief executives	8	520201	Business administration and management, general
Management	111011	Chief executives	8	520206	Non-profit/public/organizational management
Management	111011	Chief executives	8	520701	Entrepreneurship/entrepreneurial studies
Management	111011	Chief executives	8	520801	Finance, general
Management	111011	Chief executives	8	521101	International business/trade/commerce
Management	111011	Chief executives	8	521301	Management science
Management	111021	General and operations managers	12	18202	Veterinary office management/administration

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	111021	General and operations managers	12	310301	Parks, recreation, and leisure facilities management, general
Management	111021	General and operations managers	12	440401	Public administration
Management	111021	General and operations managers	12	520101	Business/commerce, general
Management	111021	General and operations managers	12	520201	Business administration and management, general
Management	111021	General and operations managers	12	520206	Non-profit/public/organizational management
Management	111021	General and operations managers	12	520212	Retail management
Management	111021	General and operations managers	12	520215	Risk management
Management	111021	General and operations managers	12	520701	Entrepreneurship/entrepreneurial studies
Management	111021	General and operations managers	12	520801	Finance, general
Management	111021	General and operations managers	12	521101	International business/trade/commerce
Management	111021	General and operations managers	12	521301	Management science
Management	111031	Legislators	2	440401	Public administration
Management	111031	Legislators	2	440501	Public policy analysis, general
Management	112021	Marketing managers	9	190203	Consumer merchandising/retailing management
Management	112021	Marketing managers	9	190905	Apparel and textile marketing management
Management	112021	Marketing managers	9	512011	Pharmaceutical marketing and management
Management	112021	Marketing managers	9	521401	Marketing/marketing management, general
Management	112021	Marketing managers	9	521402	Marketing research
Management	112021	Marketing managers	9	521403	International marketing
Management	112021	Marketing managers	9	521404	Digital marketing
Management	112021	Marketing managers	9	521499	Marketing, other
Management	112021	Marketing managers	9	521910	Hospitality and recreation marketing operations
Management	112022	Sales managers	5	190203	Consumer merchandising/retailing management

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	112022	Sales managers	5	512011	Pharmaceutical marketing and management
Management	112022	Sales managers	5	520101	Business/commerce, general
Management	112022	Sales managers	5	520201	Business administration and management, general
Management	112022	Sales managers	5	521401	Marketing/marketing management, general
Management	113013	Facilities managers	13	151501	Engineering/industrial management
Management	113013	Facilities managers	13	190604	Facilities planning and management
Management	113013	Facilities managers	13	301201	Historic preservation and conservation, general
Management	113013	Facilities managers	13	301299	Historic preservation and conservation, other
Management	113013	Facilities managers	13	310301	Parks, recreation, and leisure facilities management, general
Management	113013	Facilities managers	13	460401	Building/property maintenance
Management	113013	Facilities managers	13	460412	Building/construction site management/manager
Management	113013	Facilities managers	13	510702	Hospital and health care facilities administration/management
Management	113013	Facilities managers	13	520101	Business/commerce, general
Management	113013	Facilities managers	13	520201	Business administration and management, general
Management	113013	Facilities managers	13	520202	Purchasing, procurement/acquisitions and contracts management
Management	113013	Facilities managers	13	520205	Operations management and supervision
Management	113013	Facilities managers	13	520904	Hotel/motel administration/management
Management	113021	Computer and information systems managers	20	110101	Computer and information sciences, general
Management	113021	Computer and information systems managers	20	110103	Information technology
Management	113021	Computer and information systems managers	20	110401	Information science/studies
Management	113021	Computer and information systems managers	20	110701	Computer science
Management	113021	Computer and information systems managers	20	110802	Data modeling/warehousing and database administration

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	113021	Computer and information systems managers	20	110901	Computer systems networking and telecommunications
Management	113021	Computer and information systems managers	20	111001	Network and system administration/administrator
Management	113021	Computer and information systems managers	20	111002	System, networking, and lan/wan management/manager
Management	113021	Computer and information systems managers	20	111003	Computer and information systems security/auditing/information assurance
Management	113021	Computer and information systems managers	20	111005	Information technology project management
Management	113021	Computer and information systems managers	20	300801	Mathematics and computer science
Management	113021	Computer and information systems managers	20	301601	Accounting and computer science
Management	113021	Computer and information systems managers	20	303101	Human computer interaction
Management	113021	Computer and information systems managers	20	307001	Data science, general
Management	113021	Computer and information systems managers	20	520205	Operations management and supervision
Management	113021	Computer and information systems managers	20	521201	Management information systems, general
Management	113021	Computer and information systems managers	20	521206	Information resources management
Management	113021	Computer and information systems managers	20	521207	Knowledge management
Management	113021	Computer and information systems managers	20	521299	Management information systems and services, other
Management	113021	Computer and information systems managers	20	522101	Telecommunications management
Management	113051	Industrial production managers	8	143501	Industrial engineering
Management	113051	Industrial production managers	8	151501	Engineering/industrial management
Management	113051	Industrial production managers	8	512006	Clinical and industrial drug development
Management	113051	Industrial production managers	8	520101	Business/commerce, general
Management	113051	Industrial production managers	8	520201	Business administration and management, general
Management	113051	Industrial production managers	8	520203	Logistics, materials, and supply chain management

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	113051	Industrial production managers	8	520205	Operations management and supervision
Management	113051	Industrial production managers	8	520216	Science/technology management
Management	113061	Purchasing managers	1	520202	Purchasing, procurement/acquisitions and contracts management
Management	119021	Construction managers	6	151001	Construction engineering technology/technician
Management	119021	Construction managers	6	520101	Business/commerce, general
Management	119021	Construction managers	6	520201	Business administration and management, general
Management	119021	Construction managers	6	520205	Operations management and supervision
Management	119021	Construction managers	6	522001	Construction management, general
Management	119021	Construction managers	6	522002	Construction project management
Management	119041	Architectural and engineering managers	52	40201	Architecture
Management	119041	Architectural and engineering managers	52	40301	City/urban, community, and regional planning
Management	119041	Architectural and engineering managers	52	40401	Environmental design/architecture
Management	119041	Architectural and engineering managers	52	40501	Interior architecture
Management	119041	Architectural and engineering managers	52	40601	Landscape architecture
Management	119041	Architectural and engineering managers	52	40902	Architectural and building sciences/technology
Management	119041	Architectural and engineering managers	52	140101	Engineering, general
Management	119041	Architectural and engineering managers	52	140201	Aerospace, aeronautical, and astronautical/space engineering, general
Management	119041	Architectural and engineering managers	52	140301	Agricultural engineering
Management	119041	Architectural and engineering managers	52	140501	Bioengineering and biomedical engineering
Management	119041	Architectural and engineering managers	52	140601	Ceramic sciences and engineering
Management	119041	Architectural and engineering managers	52	140701	Chemical engineering

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	119041	Architectural and engineering managers	52	140702	Chemical and biomolecular engineering
Management	119041	Architectural and engineering managers	52	140801	Civil engineering, general
Management	119041	Architectural and engineering managers	52	140802	Geotechnical and geoenvironmental engineering
Management	119041	Architectural and engineering managers	52	140803	Structural engineering
Management	119041	Architectural and engineering managers	52	140804	Transportation and highway engineering
Management	119041	Architectural and engineering managers	52	140805	Water resources engineering
Management	119041	Architectural and engineering managers	52	140899	Civil engineering, other
Management	119041	Architectural and engineering managers	52	140901	Computer engineering, general
Management	119041	Architectural and engineering managers	52	140902	Computer hardware engineering
Management	119041	Architectural and engineering managers	52	140903	Computer software engineering
Management	119041	Architectural and engineering managers	52	140999	Computer engineering, other
Management	119041	Architectural and engineering managers	52	141001	Electrical and electronics engineering
Management	119041	Architectural and engineering managers	52	141004	Telecommunications engineering
Management	119041	Architectural and engineering managers	52	141099	Electrical, electronics, and communications engineering, other
Management	119041	Architectural and engineering managers	52	141101	Engineering mechanics
Management	119041	Architectural and engineering managers	52	141201	Engineering physics/applied physics
Management	119041	Architectural and engineering managers	52	141301	Engineering science
Management	119041	Architectural and engineering managers	52	141401	Environmental/environmental health engineering
Management	119041	Architectural and engineering managers	52	141801	Materials engineering
Management	119041	Architectural and engineering managers	52	141901	Mechanical engineering
Management	119041	Architectural and engineering managers	52	142101	Mining and mineral engineering

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	119041	Architectural and engineering managers	52	142201	Naval architecture and marine engineering
Management	119041	Architectural and engineering managers	52	142301	Nuclear engineering
Management	119041	Architectural and engineering managers	52	142501	Petroleum engineering
Management	119041	Architectural and engineering managers	52	142701	Systems engineering
Management	119041	Architectural and engineering managers	52	143201	Polymer/plastics engineering
Management	119041	Architectural and engineering managers	52	143501	Industrial engineering
Management	119041	Architectural and engineering managers	52	143601	Manufacturing engineering
Management	119041	Architectural and engineering managers	52	143801	Surveying engineering
Management	119041	Architectural and engineering managers	52	143901	Geological/geophysical engineering
Management	119041	Architectural and engineering managers	52	144101	Electromechanical engineering
Management	119041	Architectural and engineering managers	52	144201	Mechatronics, robotics, and automation engineering
Management	119041	Architectural and engineering managers	52	144301	Biochemical engineering
Management	119041	Architectural and engineering managers	52	144501	Biological/biosystems engineering
Management	119041	Architectural and engineering managers	52	144801	Energy systems engineering, general
Management	119041	Architectural and engineering managers	52	144802	Power plant engineering
Management	119041	Architectural and engineering managers	52	149999	Engineering, other
Management	119041	Architectural and engineering managers	52	151501	Engineering/industrial management
Management	119041	Architectural and engineering managers	52	401001	Materials science
Management	119041	Architectural and engineering managers	52	520216	Science/technology management
Management	119121	Natural sciences managers	70	141201	Engineering physics/applied physics
Management	119121	Natural sciences managers	70	143701	Operations research
Management	119121	Natural sciences managers	70	260101	Biology/biological sciences, general

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	119121	Natural sciences managers	70	260202	Biochemistry
Management	119121	Natural sciences managers	70	260204	Molecular biology
Management	119121	Natural sciences managers	70	260210	Biochemistry and molecular biology
Management	119121	Natural sciences managers	70	260301	Botany/plant biology
Management	119121	Natural sciences managers	70	260403	Anatomy
Management	119121	Natural sciences managers	70	260406	Cell/cellular and molecular biology
Management	119121	Natural sciences managers	70	260499	Cell/cellular biology and anatomical sciences, other
Management	119121	Natural sciences managers	70	260502	Microbiology, general
Management	119121	Natural sciences managers	70	260701	Zoology/animal biology
Management	119121	Natural sciences managers	70	260702	Entomology
Management	119121	Natural sciences managers	70	260799	Zoology/animal biology, other
Management	119121	Natural sciences managers	70	260807	Genome sciences/genomics
Management	119121	Natural sciences managers	70	261001	Pharmacology
Management	119121	Natural sciences managers	70	261101	Biometry/biometrics
Management	119121	Natural sciences managers	70	261199	Biomathematics, bioinformatics, and computational biology, other
Management	119121	Natural sciences managers	70	261201	Biotechnology
Management	119121	Natural sciences managers	70	261301	Ecology
Management	119121	Natural sciences managers	70	261302	Marine biology and biological oceanography
Management	119121	Natural sciences managers	70	261303	Evolutionary biology
Management	119121	Natural sciences managers	70	261501	Neuroscience
Management	119121	Natural sciences managers	70	261503	Neurobiology and anatomy
Management	119121	Natural sciences managers	70	261504	Neurobiology and behavior
Management	119121	Natural sciences managers	70	269999	Biological and biomedical sciences, other
Management	119121	Natural sciences managers	70	270101	Mathematics, general
Management	119121	Natural sciences managers	70	270199	Mathematics, other
Management	119121	Natural sciences managers	70	270301	Applied mathematics, general
Management	119121	Natural sciences managers	70	270303	Computational mathematics
Management	119121	Natural sciences managers	70	270304	Computational and applied mathematics
Management	119121	Natural sciences managers	70	270305	Financial mathematics
Management	119121	Natural sciences managers	70	270501	Statistics, general
Management	119121	Natural sciences managers	70	270503	Mathematics and statistics
Management	119121	Natural sciences managers	70	270599	Statistics, other

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	119121	Natural sciences managers	70	279999	Mathematics and statistics, other
Management	119121	Natural sciences managers	70	300101	Biological and physical sciences
Management	119121	Natural sciences managers	70	300801	Mathematics and computer science
Management	119121	Natural sciences managers	70	301501	Science, technology and society
Management	119121	Natural sciences managers	70	301801	Natural sciences
Management	119121	Natural sciences managers	70	301901	Nutrition sciences
Management	119121	Natural sciences managers	70	302501	Cognitive science, general
Management	119121	Natural sciences managers	70	302701	Human biology
Management	119121	Natural sciences managers	70	303001	Computational science
Management	119121	Natural sciences managers	70	303201	Marine sciences
Management	119121	Natural sciences managers	70	303301	Sustainability studies
Management	119121	Natural sciences managers	70	304401	Geography and environmental studies
Management	119121	Natural sciences managers	70	307001	Data science, general
Management	119121	Natural sciences managers	70	380102	Logic
Management	119121	Natural sciences managers	70	400101	Physical sciences, general
Management	119121	Natural sciences managers	70	400201	Astronomy
Management	119121	Natural sciences managers	70	400203	Planetary astronomy and science
Management	119121	Natural sciences managers	70	400299	Astronomy and astrophysics, other
Management	119121	Natural sciences managers	70	400401	Atmospheric sciences and meteorology, general
Management	119121	Natural sciences managers	70	400404	Meteorology
Management	119121	Natural sciences managers	70	400501	Chemistry, general
Management	119121	Natural sciences managers	70	400510	Forensic chemistry
Management	119121	Natural sciences managers	70	400599	Chemistry, other
Management	119121	Natural sciences managers	70	400601	Geology/earth science, general
Management	119121	Natural sciences managers	70	400604	Paleontology
Management	119121	Natural sciences managers	70	400605	Hydrology and water resources science
Management	119121	Natural sciences managers	70	400607	Oceanography, chemical and physical
Management	119121	Natural sciences managers	70	400699	Geological and earth sciences/geosciences, other
Management	119121	Natural sciences managers	70	400801	Physics, general
Management	119121	Natural sciences managers	70	400807	Optics/optical sciences
Management	119121	Natural sciences managers	70	409999	Physical sciences, other

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	119121	Natural sciences managers	70	512006	Clinical and industrial drug development
Management	119121	Natural sciences managers	70	520210	Research and development management
Management	119121	Natural sciences managers	70	520216	Science/technology management
Management	119121	Natural sciences managers	70	540104	History and philosophy of science and technology
Management	119161	Emergency management directors	5	430120	Protective services operations
Management	119161	Emergency management directors	5	430301	Homeland security
Management	119161	Emergency management directors	5	430302	Crisis/emergency/disaster management
Management	119161	Emergency management directors	5	430303	Critical infrastructure protection
Management	119161	Emergency management directors	5	430304	Terrorism and counterterrorism operations
Management	131051	Cost estimators	6	141801	Materials engineering
Management	131051	Cost estimators	6	141901	Mechanical engineering
Management	131051	Cost estimators	6	143601	Manufacturing engineering
Management	131051	Cost estimators	6	151001	Construction engineering technology/technician
Management	131051	Cost estimators	6	520101	Business/commerce, general
Management	131051	Cost estimators	6	520201	Business administration and management, general
Management	131082	Project management specialists	6	111005	Information technology project management
Management	131082	Project management specialists	6	520101	Business/commerce, general
Management	131082	Project management specialists	6	520201	Business administration and management, general
Management	131082	Project management specialists	6	520211	Project management
Management	131082	Project management specialists	6	520216	Science/technology management
Management	131082	Project management specialists	6	522002	Construction project management
Management	131111	Management analysts	11	130601	Educational evaluation and research
Management	131111	Management analysts	11	130699	Educational assessment, evaluation, and research, other
Management	131111	Management analysts	11	307101	Data analytics, general

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Management	131111	Management analysts	11	307102	Business analytics
Management	131111	Management analysts	11	307104	Financial analytics
Management	131111	Management analysts	11	422804	Industrial and organizational psychology
Management	131111	Management analysts	11	520101	Business/commerce, general
Management	131111	Management analysts	11	520201	Business administration and management, general
Management	131111	Management analysts	11	520213	Organizational leadership
Management	131111	Management analysts	11	520601	Business/managerial economics
Management	131111	Management analysts	11	521301	Management science
Protective services	331012	First-line supervisors of police and detectives	14	30208	Environmental/natural resources law enforcement and protective services
Protective services	331012	First-line supervisors of police and detectives	14	290203	Signal/geospatial intelligence
Protective services	331012	First-line supervisors of police and detectives	14	430100	Criminal justice and corrections, general
Protective services	331012	First-line supervisors of police and detectives	14	430102	Corrections
Protective services	331012	First-line supervisors of police and detectives	14	430103	Criminal justice/law enforcement administration
Protective services	331012	First-line supervisors of police and detectives	14	430104	Criminal justice/safety studies
Protective services	331012	First-line supervisors of police and detectives	14	430115	Law enforcement record-keeping and evidence management
Protective services	331012	First-line supervisors of police and detectives	14	430120	Protective services operations
Protective services	331012	First-line supervisors of police and detectives	14	430301	Homeland security
Protective services	331012	First-line supervisors of police and detectives	14	430302	Crisis/emergency/disaster management
Protective services	331012	First-line supervisors of police and detectives	14	430303	Critical infrastructure protection
Protective services	331012	First-line supervisors of police and detectives	14	430304	Terrorism and counterterrorism operations
Protective services	331012	First-line supervisors of police and detectives	14	430404	Cybersecurity defense strategy/policy
Protective services	331012	First-line supervisors of police and detectives	14	430407	Geospatial intelligence
Protective services	332011	Firefighters	5	30208	Environmental/natural resources law enforcement and protective services

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Protective services	332011	Firefighters	5	430201	Fire prevention and safety technology/technician
Protective services	332011	Firefighters	5	430203	Fire science/fire-fighting
Protective services	332011	Firefighters	5	430206	Wildland/forest firefighting and investigation
Protective services	332011	Firefighters	5	430299	Fire protection, other
Protective services	333021	Detectives and criminal investigators	11	30208	Environmental/natural resources law enforcement and protective services
Protective services	333021	Detectives and criminal investigators	11	290203	Signal/geospatial intelligence
Protective services	333021	Detectives and criminal investigators	11	430100	Criminal justice and corrections, general
Protective services	333021	Detectives and criminal investigators	11	430107	Criminal justice/police science
Protective services	333021	Detectives and criminal investigators	11	430114	Law enforcement investigation and interviewing
Protective services	333021	Detectives and criminal investigators	11	430115	Law enforcement record-keeping and evidence management
Protective services	333021	Detectives and criminal investigators	11	430402	Criminalistics and criminal science
Protective services	333021	Detectives and criminal investigators	11	430403	Cyber/computer forensics and counterterrorism
Protective services	333021	Detectives and criminal investigators	11	430405	Financial forensics and fraud investigation
Protective services	333021	Detectives and criminal investigators	11	430407	Geospatial intelligence
Protective services	333021	Detectives and criminal investigators	11	430408	Law enforcement intelligence analysis
Protective services	333051	Police and sheriff's patrol officers	7	30208	Environmental/natural resources law enforcement and protective services
Protective services	333051	Police and sheriff's patrol officers	7	430100	Criminal justice and corrections, general
Protective services	333051	Police and sheriff's patrol officers	7	430107	Criminal justice/police science
Protective services	333051	Police and sheriff's patrol officers	7	430114	Law enforcement investigation and interviewing
Protective services	333051	Police and sheriff's patrol officers	7	430115	Law enforcement record-keeping and evidence management

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
Protective services	333051	Police and sheriff's patrol officers	7	430120	Protective services operations
Protective services	333051	Police and sheriff's patrol officers	7	430402	Criminalistics and criminal science
Protective services	333052	Transit and railroad police	1	430109	Security and loss prevention services
STEM	151211	Computer systems analysts	4	110101	Computer and information sciences, general
STEM	151211	Computer systems analysts	4	110103	Information technology
STEM	151211	Computer systems analysts	4	110501	Computer systems analysis/analyst
STEM	151211	Computer systems analysts	4	110901	Computer systems networking and telecommunications
STEM	151212	Information security analysts	8	110103	Information technology
STEM	151212	Information security analysts	8	110701	Computer science
STEM	151212	Information security analysts	8	110901	Computer systems networking and telecommunications
STEM	151212	Information security analysts	8	111001	Network and system administration/administrator
STEM	151212	Information security analysts	8	111002	System, networking, and lan/wan management/manager
STEM	151212	Information security analysts	8	111003	Computer and information systems security/auditing/information assurance
STEM	151212	Information security analysts	8	111005	Information technology project management
STEM	151212	Information security analysts	8	430403	Cyber/computer forensics and counterterrorism
STEM	151241	Computer network architects	9	110101	Computer and information sciences, general
STEM	151241	Computer network architects	9	110103	Information technology
STEM	151241	Computer network architects	9	110501	Computer systems analysis/analyst
STEM	151241	Computer network architects	9	110901	Computer systems networking and telecommunications
STEM	151241	Computer network architects	9	110902	Cloud computing
STEM	151241	Computer network architects	9	111001	Network and system administration/administrator

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	151241	Computer network architects	9	111003	Computer and information systems security/auditing/information assurance
STEM	151241	Computer network architects	9	140901	Computer engineering, general
STEM	151241	Computer network architects	9	140999	Computer engineering, other
STEM	151242	Database administrators	3	110101	Computer and information sciences, general
STEM	151242	Database administrators	3	110802	Data modeling/warehousing and database administration
STEM	151242	Database administrators	3	111003	Computer and information systems security/auditing/information assurance
STEM	151243	Database architects	13	110101	Computer and information sciences, general
STEM	151243	Database architects	13	110103	Information technology
STEM	151243	Database architects	13	110401	Information science/studies
STEM	151243	Database architects	13	110501	Computer systems analysis/analyst
STEM	151243	Database architects	13	110701	Computer science
STEM	151243	Database architects	13	110802	Data modeling/warehousing and database administration
STEM	151243	Database architects	13	110902	Cloud computing
STEM	151243	Database architects	13	111003	Computer and information systems security/auditing/information assurance
STEM	151243	Database architects	13	140901	Computer engineering, general
STEM	151243	Database architects	13	140903	Computer software engineering
STEM	151243	Database architects	13	142701	Systems engineering
STEM	151243	Database architects	13	307001	Data science, general
STEM	151243	Database architects	13	521201	Management information systems, general
STEM	151244	Network and computer systems administrators	3	110101	Computer and information sciences, general
STEM	151244	Network and computer systems administrators	3	111001	Network and system administration/administrator
STEM	151244	Network and computer systems administrators	3	111003	Computer and information systems

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
					security/auditing/information assurance
STEM	151251	Computer programmers	15	110201	Computer programming/programmer, general
STEM	151251	Computer programmers	15	110202	Computer programming, specific applications
STEM	151251	Computer programmers	15	110203	Computer programming, vendor/product certification
STEM	151251	Computer programmers	15	110204	Computer game programming
STEM	151251	Computer programmers	15	110205	Computer programming, specific platforms
STEM	151251	Computer programmers	15	110299	Computer programming, other
STEM	151251	Computer programmers	15	110701	Computer science
STEM	151251	Computer programmers	15	110803	Computer graphics
STEM	151251	Computer programmers	15	110804	Modeling, virtual environments and simulation
STEM	151251	Computer programmers	15	110902	Cloud computing
STEM	151251	Computer programmers	15	151204	Computer software technology/technician
STEM	151251	Computer programmers	15	303001	Computational science
STEM	151251	Computer programmers	15	307101	Data analytics, general
STEM	151251	Computer programmers	15	510709	Medical office computer specialist/assistant
STEM	151251	Computer programmers	15	521201	Management information systems, general
STEM	151252	Software developers	18	110102	Artificial intelligence
STEM	151252	Software developers	18	110103	Information technology
STEM	151252	Software developers	18	110104	Informatics
STEM	151252	Software developers	18	110201	Computer programming/programmer, general
STEM	151252	Software developers	18	110202	Computer programming, specific applications
STEM	151252	Software developers	18	110203	Computer programming, vendor/product certification
STEM	151252	Software developers	18	110204	Computer game programming
STEM	151252	Software developers	18	110205	Computer programming, specific platforms
STEM	151252	Software developers	18	110401	Information science/studies
STEM	151252	Software developers	18	110701	Computer science

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	151252	Software developers	18	110804	Modeling, virtual environments and simulation
STEM	151252	Software developers	18	110902	Cloud computing
STEM	151252	Software developers	18	140901	Computer engineering, general
STEM	151252	Software developers	18	140903	Computer software engineering
STEM	151252	Software developers	18	151204	Computer software technology/technician
STEM	151252	Software developers	18	300801	Mathematics and computer science
STEM	151252	Software developers	18	301601	Accounting and computer science
STEM	151252	Software developers	18	307001	Data science, general
STEM	151254	Web developers	4	110201	Computer programming/programmer, general
STEM	151254	Web developers	4	110701	Computer science
STEM	151254	Web developers	4	110801	Web page, digital/multimedia and information resources design
STEM	151254	Web developers	4	111004	Web/multimedia management and webmaster
STEM	152031	Operations research analysts	2	143701	Operations research
STEM	152031	Operations research analysts	2	521301	Management science
STEM	172011	Aerospace engineers	3	140201	Aerospace, aeronautical, and astronautical/space engineering, general
STEM	172011	Aerospace engineers	3	141001	Electrical and electronics engineering
STEM	172011	Aerospace engineers	3	141901	Mechanical engineering
STEM	172021	Agricultural engineers	1	140301	Agricultural engineering
STEM	172031	Bioengineers and biomedical engineers	3	140501	Bioengineering and biomedical engineering
STEM	172031	Bioengineers and biomedical engineers	3	140702	Chemical and biomolecular engineering
STEM	172031	Bioengineers and biomedical engineers	3	144501	Biological/biosystems engineering
STEM	172041	Chemical engineers	5	140601	Ceramic sciences and engineering
STEM	172041	Chemical engineers	5	140701	Chemical engineering
STEM	172041	Chemical engineers	5	140702	Chemical and biomolecular engineering

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	172041	Chemical engineers	5	143201	Polymer/plastics engineering
STEM	172041	Chemical engineers	5	144301	Biochemical engineering
STEM	172051	Civil engineers	6	140801	Civil engineering, general
STEM	172051	Civil engineers	6	140802	Geotechnical and geoenvironmental engineering
STEM	172051	Civil engineers	6	140803	Structural engineering
STEM	172051	Civil engineers	6	140804	Transportation and highway engineering
STEM	172051	Civil engineers	6	140805	Water resources engineering
STEM	172051	Civil engineers	6	140899	Civil engineering, other
STEM	172061	Computer hardware engineers	3	140901	Computer engineering, general
STEM	172061	Computer hardware engineers	3	140902	Computer hardware engineering
STEM	172061	Computer hardware engineers	3	141001	Electrical and electronics engineering
STEM	172071	Electrical engineers	3	141001	Electrical and electronics engineering
STEM	172071	Electrical engineers	3	141099	Electrical, electronics, and communications engineering, other
STEM	172071	Electrical engineers	3	144101	Electromechanical engineering
STEM	172072	Electronics engineers, except computer	3	141001	Electrical and electronics engineering
STEM	172072	Electronics engineers, except computer	3	141004	Telecommunications engineering
STEM	172072	Electronics engineers, except computer	3	141099	Electrical, electronics, and communications engineering, other
STEM	172081	Environmental engineers	3	140802	Geotechnical and geoenvironmental engineering
STEM	172081	Environmental engineers	3	140805	Water resources engineering
STEM	172081	Environmental engineers	3	141401	Environmental/environmental health engineering
STEM	172111	Health and safety engineers, except mining safety engineers and inspectors	2	141401	Environmental/environmental health engineering
STEM	172111	Health and safety engineers, except mining safety engineers and inspectors	2	149999	Engineering, other
STEM	172112	Industrial engineers	4	142701	Systems engineering

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	172112	Industrial engineers	4	143501	Industrial engineering
STEM	172112	Industrial engineers	4	143601	Manufacturing engineering
STEM	172112	Industrial engineers	4	151501	Engineering/industrial management
STEM	172121	Marine engineers and naval architects	1	142201	Naval architecture and marine engineering
STEM	172131	Materials engineers	3	140601	Ceramic sciences and engineering
STEM	172131	Materials engineers	3	141801	Materials engineering
STEM	172131	Materials engineers	3	143201	Polymer/plastics engineering
STEM	172141	Mechanical engineers	3	141101	Engineering mechanics
STEM	172141	Mechanical engineers	3	141901	Mechanical engineering
STEM	172141	Mechanical engineers	3	144101	Electromechanical engineering
STEM	172151	Mining and geological engineers, including mining safety engineers	3	140802	Geotechnical and geoenvironmental engineering
STEM	172151	Mining and geological engineers, including mining safety engineers	3	142101	Mining and mineral engineering
STEM	172151	Mining and geological engineers, including mining safety engineers	3	143901	Geological/geophysical engineering
STEM	172161	Nuclear engineers	1	142301	Nuclear engineering
STEM	172171	Petroleum engineers	2	140802	Geotechnical and geoenvironmental engineering
STEM	172171	Petroleum engineers	2	142501	Petroleum engineering
STEM	172199	Engineers, all other	22	140101	Engineering, general
STEM	172199	Engineers, all other	22	140103	Applied engineering
STEM	172199	Engineers, all other	22	140702	Chemical and biomolecular engineering
STEM	172199	Engineers, all other	22	140802	Geotechnical and geoenvironmental engineering
STEM	172199	Engineers, all other	22	140805	Water resources engineering
STEM	172199	Engineers, all other	22	141004	Telecommunications engineering
STEM	172199	Engineers, all other	22	141101	Engineering mechanics
STEM	172199	Engineers, all other	22	141201	Engineering physics/applied physics
STEM	172199	Engineers, all other	22	141301	Engineering science
STEM	172199	Engineers, all other	22	142701	Systems engineering
STEM	172199	Engineers, all other	22	143601	Manufacturing engineering
STEM	172199	Engineers, all other	22	143801	Surveying engineering

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	172199	Engineers, all other	22	143901	Geological/geophysical engineering
STEM	172199	Engineers, all other	22	144101	Electromechanical engineering
STEM	172199	Engineers, all other	22	144201	Mechatronics, robotics, and automation engineering
STEM	172199	Engineers, all other	22	144301	Biochemical engineering
STEM	172199	Engineers, all other	22	144501	Biological/biosystems engineering
STEM	172199	Engineers, all other	22	144801	Energy systems engineering, general
STEM	172199	Engineers, all other	22	144802	Power plant engineering
STEM	172199	Engineers, all other	22	149999	Engineering, other
STEM	172199	Engineers, all other	22	151601	Nanotechnology
STEM	172199	Engineers, all other	22	512312	Assistive/augmentative technology and rehabilitation engineering
STEM	173021	Aerospace engineering and operations technologists and technicians	5	150000	Engineering technologies/technicians, general
STEM	173021	Aerospace engineering and operations technologists and technicians	5	150303	Electrical, electronic, and communications engineering technology/technician
STEM	173021	Aerospace engineering and operations technologists and technicians	5	150801	Aeronautical/aerospace engineering technology/technician
STEM	173021	Aerospace engineering and operations technologists and technicians	5	290402	Air and space operations technology
STEM	173021	Aerospace engineering and operations technologists and technicians	5	470609	Avionics maintenance technology/technician
STEM	173022	Civil engineering technologists and technicians	5	150000	Engineering technologies/technicians, general
STEM	173022	Civil engineering technologists and technicians	5	150101	Architectural engineering technologies/technicians
STEM	173022	Civil engineering technologists and technicians	5	150201	Civil engineering technologies/technicians
STEM	173022	Civil engineering technologists and technicians	5	151001	Construction engineering technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	173022	Civil engineering technologists and technicians	5	460415	Building construction technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150000	Engineering technologies/technicians, general
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150303	Electrical, electronic, and communications engineering technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150305	Telecommunications technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150399	Electrical/electronic engineering technologies/technicians, other
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150406	Automation engineer technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	150616	Semiconductor manufacturing technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	151201	Computer engineering technology/technician
STEM	173023	Electrical and electronic engineering technologists and technicians	8	151202	Computer/computer systems technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150000	Engineering technologies/technicians, general
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150001	Applied engineering technologies/technicians
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150303	Electrical, electronic, and communications engineering technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150403	Electromechanical/electromechanical engineering technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150404	Instrumentation technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150405	Robotics technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150406	Automation engineer technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150407	Mechatronics, robotics, and automation engineering technology/technician
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150499	Electromechanical technologies/technicians, other
STEM	173024	Electro-mechanical and mechatronics technologists and technicians	10	150805	Mechanical/mechanical engineering technology/technician
STEM	173025	Environmental engineering technologists and technicians	4	150506	Water quality and wastewater treatment management and recycling technology/technician
STEM	173025	Environmental engineering technologists and technicians	4	150507	Environmental/environmental engineering technology/technician
STEM	173025	Environmental engineering technologists and technicians	4	150508	Hazardous materials management and waste technology/technician
STEM	173025	Environmental engineering technologists and technicians	4	150704	Hazardous materials information systems technology/technician
STEM	173026	Industrial engineering technologists and technicians	6	150001	Applied engineering technologies/technicians
STEM	173026	Industrial engineering technologists and technicians	6	150612	Industrial technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	173026	Industrial engineering technologists and technicians	6	150613	Manufacturing engineering technology/technician
STEM	173026	Industrial engineering technologists and technicians	6	150699	Industrial production technologies/technicians, other
STEM	173026	Industrial engineering technologists and technicians	6	150703	Industrial safety technology/technician
STEM	173026	Industrial engineering technologists and technicians	6	151501	Engineering/industrial management
STEM	173027	Mechanical engineering technologists and technicians	4	150803	Automotive engineering technology/technician
STEM	173027	Mechanical engineering technologists and technicians	4	150805	Mechanical/mechanical engineering technology/technician
STEM	173027	Mechanical engineering technologists and technicians	4	150899	Mechanical engineering related technologies/technicians, other
STEM	173027	Mechanical engineering technologists and technicians	4	151103	Hydraulics and fluid power technology/technician
STEM	173028	Calibration technologists and technicians	3	150303	Electrical, electronic, and communications engineering technology/technician
STEM	173028	Calibration technologists and technicians	3	150401	Biomedical technology/technician
STEM	173028	Calibration technologists and technicians	3	150404	Instrumentation technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150001	Applied engineering technologies/technicians
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150101	Architectural engineering technologies/technicians
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150304	Laser and optical technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150307	Audio engineering technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150401	Biomedical technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150501	Heating, ventilation, air conditioning and refrigeration engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150599	Environmental control technologies/technicians, other
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150607	Plastics and polymer engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150611	Metallurgical technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150614	Welding engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150615	Chemical engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150617	Composite materials technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150806	Marine engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	150901	Mining technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151103	Hydraulics and fluid power technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151201	Computer engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151202	Computer/computer systems technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151203	Computer hardware technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151204	Computer software technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151299	Computer engineering technologies/technicians, other
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151401	Nuclear engineering technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151701	Energy systems technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151702	Power plant technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151703	Solar energy technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151704	Wind energy technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	151706	Geothermal energy technology/technician
STEM	173029	Engineering technologists and technicians, except drafters, all other	27	290306	Operational oceanography
STEM	194042	Environmental science and protection technicians, including health	8	30104	Environmental science
STEM	194042	Environmental science and protection technicians, including health	8	150506	Water quality and wastewater treatment management and recycling technology/technician
STEM	194042	Environmental science and protection technicians, including health	8	150507	Environmental/environmental engineering technology/technician
STEM	194042	Environmental science and protection technicians, including health	8	150508	Hazardous materials management and waste technology/technician
STEM	194042	Environmental science and protection technicians, including health	8	303301	Sustainability studies

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	194042	Environmental science and protection technicians, including health	8	304401	Geography and environmental studies
STEM	194042	Environmental science and protection technicians, including health	8	410399	Physical science technologies/technicians, other
STEM	194042	Environmental science and protection technicians, including health	8	419999	Science technologies/technicians, other
STEM	194043	Geological technicians, except hydrologic technicians	8	150901	Mining technology/technician
STEM	194043	Geological technicians, except hydrologic technicians	8	150903	Petroleum technology/technician
STEM	194043	Geological technicians, except hydrologic technicians	8	150999	Mining and petroleum technologies/technicians, other
STEM	194043	Geological technicians, except hydrologic technicians	8	400601	Geology/earth science, general
STEM	194043	Geological technicians, except hydrologic technicians	8	410000	Science technologies/technicians, general
STEM	194043	Geological technicians, except hydrologic technicians	8	410303	Chemical process technology
STEM	194043	Geological technicians, except hydrologic technicians	8	410399	Physical science technologies/technicians, other
STEM	194043	Geological technicians, except hydrologic technicians	8	419999	Science technologies/technicians, other
STEM	194044	Hydrologic technicians	4	400605	Hydrology and water resources science
STEM	194044	Hydrologic technicians	4	410000	Science technologies/technicians, general
STEM	194044	Hydrologic technicians	4	410399	Physical science technologies/technicians, other
STEM	194044	Hydrologic technicians	4	419999	Science technologies/technicians, other
STEM	194051	Nuclear technicians	5	151401	Nuclear engineering technology/technician

Occupational group	Occupation code	Occupation title	Number of aligned programs	Program code	Program title
STEM	194051	Nuclear technicians	5	410204	Industrial radiologic technology/technician
STEM	194051	Nuclear technicians	5	410205	Nuclear/nuclear power technology/technician
STEM	194051	Nuclear technicians	5	410299	Nuclear and industrial radiologic technologies/technicians, other
STEM	194051	Nuclear technicians	5	510916	Radiation protection/health physics technician