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# Career and Technical Education (CTE) Courses and Bureau of Labor Statistics (BLS) Occupations

PREPARED AS A SUPPLEMENTAL RESOURCE FOR:

How Aligned is Career and Technical Education to Local Labor Markets?

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# AGRICULTURE, FOOD & NATURAL RESOURCES (AFNR)

## CTE Courses

1. Marketing — Commodities
2. Introduction to Agriculture and Natural Resources
3. Agriculture—Comprehensive
4. Agriculture and Natural Resources—Comprehensive
5. Biological Applications in Agriculture
6. Particular Topics in Environmental Service Systems
7. Plant Systems/Science
8. Horticultural Science
9. Ornamental Horticulture
10. Turf and Landscape Management
11. Soil Science
12. Particular Topics in Plant Systems
13. Plant Systems—Independent Study
14. Plant Systems—Workplace Experience
15. Plant Systems—Other
16. Animal Production/Science
17. Small Animal Care
18. Large Animal Care
19. Equine Science
20. Veterinary Science
21. Particular Topics in Animal Systems
22. Animal Nutrition
23. Animal Genetics
24. Integrated Pest Management
25. Animal Systems—Independent Study
26. Animal Systems—Workplace Experience
27. Animal Systems—Other
28. Agribusiness Management
29. Agricultural Entrepreneurship
30. Agricultural Leadership
31. Particular Topics in Agribusiness
32. Agriculture Computers and Technology
33. Agribusiness—Independent Study
34. Agribusiness—Workplace Experience
35. Agribusiness—Other
36. Agricultural Production
37. Agricultural Processing
38. Plant Processing
39. Animal Processing
40. Food Science Fundamentals
41. Aquaculture
42. Agriculture and Society
43. Agricultural Biotechnology
44. Particular Topics in Agricultural Production/Processing
45. Sustainable/Alternative Agriculture
46. Viticulture
47. Agricultural Production and Processing—Independent Study
48. Agricultural Production and Processing—Workplace Experience
49. Agricultural Production and Processing—Other
50. Agriculture Power and Structural Systems
51. Agricultural Power, Mechanics, and Equipment
52. Agriculture Structures
53. Agricultural Welding
54. Particular Topics in Agricultural Mechanics and Construction
55. Water Treatment
56. Agricultural Mechanics and Construction—Independent Study
57. Agricultural Mechanics and Construction—Workplace Experience
58. Agricultural Mechanics and Construction—Other
59. Wildlife and Recreation Management
60. Forestry Management
61. Natural Resources Management
62. Particular Topics in Natural Resources
63. Alternative Energy
64. Natural Resources—Independent Study
65. Natural Resources—Workplace Experience
66. Natural Resources—Other
67. Agriculture, Food, and Natural Resources—Independent Study
68. Agriculture, Food, and Natural Resources—Workplace Experience
69. Agriculture, Food, and Natural Resources—Other

## BLS Occupations

1. Food Scientists and Technologists
2. Agricultural and Food Science Technicians
3. First-Line Supervisors of Farming, Fishing, and Forestry Workers
4. Graders and Sorters, Agricultural Products
5. Soil and Plant Scientists
6. Biological Technicians
7. Pesticide Handlers, Sprayers, and Applicators, Vegetation
8. Tree Trimmers and Pruners
9. Farmworkers and Laborers, Crop, Nursery, and Greenhouse
10. Agricultural Workers, All Other
11. Animal Scientists
12. Nonfarm Animal Caretakers
13. Animal Breeders
14. Farmworkers, Farm, Ranch, and Aquacultural Animals
15. Agricultural Engineers
16. Agricultural Equipment Operators
17. Farm Equipment Mechanics and Service Technicians
18. Natural Sciences Managers
19. Zoologists and Wildlife Biologists
20. Foresters
21. Geological and Petroleum Technicians
22. Forest and Conservation Technicians
23. Fishers and Related Fishing Workers
24. Hunters and Trappers
25. Forest and Conservation Workers
26. Fallers
27. Logging Equipment Operators
28. Log Graders and Scalers
29. Logging Workers, All Other
30. Environmental Engineers
31. Environmental Engineering Technicians
32. Environmental Science and Protection Technicians, Including Health
33. Pest Control Workers
34. Hazardous Materials Removal Workers
35. Water and Wastewater Treatment Plant and System Operators
36. Refuse and Recyclable Material Collectors
37. Farmers, Ranchers, and Other Agricultural Managers
38. Buyers and Purchasing Agents, Farm Products
39. Farm Labor Contractors

# ARCHITECTURE & CONSTRUCTION (AC)

## CTE Courses

1. CAD Design and Software
2. Blueprint Reading
3. Construction Careers Exploration
4. Construction—Comprehensive
5. Carpentry
6. Framing Carpentry
7. Particular Topics in Carpentry
8. Woodworking
9. Cabinetmaking
10. Masonry
11. Building Repair and Maintenance
12. Home Maintenance
13. Wall Finishings
14. Upholstering
15. Commercial Construction
16. Concrete Foundations
17. Construction Estimating
18. Construction Management
19. Particular Topics in Construction
20. General Construction—Independent Study
21. Air Conditioning
22. Refrigeration
23. Heating
24. Air Conditioning/Refrigeration
25. Air Conditioning, Heating, and Refrigeration
26. Heating, Ventilation, and Air Conditioning
27. Plumbing
28. Plumbing and Heating
29. Exploration of Electricity/Electronics
30. Electricity—Comprehensive
31. Residential Wiring
32. Industrial Electricity
33. Electronics—Comprehensive
34. Electricity/Electronics—General
35. Analog and Digital Circuits
36. Analog Circuits
37. Digital Circuit
38. Architecture and Construction—Independent Study
39. Architecture and Construction—Workplace Experience
40. Architecture and Construction—Other
41. Wind Turbine Construction and Operation
42. Drafting Careers Exploration
43. Drafting—General
44. Drafting—Architectural
45. Drafting—Civil/Structural
46. Drafting—Electrical/Electronic
47. Drafting—Technical/Mechanical
48. Drafting—Independent Study
49. Drafting—Workplace Experience
50. Drafting—Other

## BLS Occupations

1. Cost Estimators
2. Architects, Except Landscape and Naval
3. Landscape Architects
4. Surveyors
5. Civil Engineers
6. Architectural and Civil Drafters
7. Civil Engineering Technicians
8. Surveying and Mapping Technicians
9. Interior Designers
10. Construction Managers
11. First-Line Supervisors of Construction Trades and Extraction Workers
12. Brickmasons and Blockmasons
13. Stonemasons
14. Carpenters
15. Carpet Installers
16. Floor Layers, Except Carpet, Wood, and Hard Tiles
17. Floor Sanders and Finishers
18. Tile and Marble Setters
19. Cement Masons and Concrete Finishers
20. Terrazzo Workers and Finishers
21. Construction Laborers
22. Paving, Surfacing, and Tamping Equipment Operators
23. Pile-Driver Operators
24. Operating Engineers and Other Construction Equipment Operators
25. Drywall and Ceiling Tile Installers
26. Tapers
27. Electricians
28. Glaziers
29. Insulation Workers, Floor, Ceiling, and Wall
30. Insulation Workers, Mechanical
31. Painters, Construction and Maintenance
32. Paperhangers
33. Pipelayers
34. Plumbers, Pipefitters, and Steamfitters
35. Plasterers and Stucco Masons
36. Reinforcing Iron and Rebar Workers
37. Roofers
38. Sheet Metal Workers
39. Structural Iron and Steel Workers
40. Solar Photovoltaic Installers
41. Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters
42. Helpers—Carpenters
43. Helpers—Electricians
44. Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons
45. Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters
46. Helpers—Roofers
47. Helpers, Construction Trades, All Other
48. Fence Erectors
49. Segmental Pavers
50. Derrick Operators, Oil and Gas
51. Rotary Drill Operators, Oil and Gas
52. Service Unit Operators, Oil, Gas, and Mining
53. Earth Drillers, Except Oil and Gas
54. Explosives Workers, Ordnance Handling Experts, and Blasters
55. Continuous Mining Machine Operators
56. Mine Cutting and Channeling Machine Operators
57. Mining Machine Operators, All Other

# ARCHITECTURE & CONSTRUCTION (AC), CONT.

## BLS Occupations, cont.

58. Rock Splitters, Quarry
59. Roof Bolters, Mining
60. Roustabouts, Oil and Gas
61. Helpers—Extraction Workers
62. Extraction Workers, All Other
63. Manufactured Building and Mobile Home Installers
64. Riggers
65. Structural Metal Fabricators and Fitters
66. Conveyor Operators and Tenders
67. Crane and Tower Operators
68. Dredge Operators
69. Excavating and Loading Machine and Dragline Operators
70. Loading Machine Operators, Underground Mining
71. Hoist and Winch Operators
72. First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
73. Landscaping and Groundskeeping Workers
74. Grounds Maintenance Workers, All Other
75. Boilermakers
76. Elevator Installers and Repairers
77. Highway Maintenance Workers
78. Septic Tank Servicers and Sewer Pipe Cleaners
79. Construction and Related Workers, All Other
80. Mechanical Door Repairers
81. Control and Valve Installers and Repairers, Except Mechanical Door
82. Heating, Air Conditioning, and Refrigeration Mechanics and Installers
83. Millwrights
84. Refractory Materials Repairers, Except Brickmasons
85. Electrical Power-Line Installers and Repairers
86. Commercial Divers
87. Helpers—Installation, Maintenance, and Repair Workers
88. Stationary Engineers and Boiler Operators

# ARTS, A/V TECHNOLOGY & COMMUNICATIONS

## (AV)

### CTE Courses

1. Clothing and Textiles
2. Clothing/Textile Maintenance
3. Apparel Construction
4. Apparel and Textile Services
5. Home Furnishing
6. Home Furnishings Production
7. Particular Topics in Apparel and Furnishings
8. Apparel and Furnishings—Independent Study
9. Apparel and Furnishings—Other
10. Telecommunications
11. Computer Gaming and Design
12. Introduction to Communication
13. Communication Technology
14. Particular Topics in Communication
15. Social Media
16. Audio/Visual Production
17. Commercial Photography
18. Photographic Laboratory and Darkroom
19. Photo Imaging
20. Video
21. Particular Topics in Audio/Video Technology and Film
22. Journalism
23. Photojournalism
24. Broadcasting Technology
25. Publication Production
26. Particular Topics in Journalism and Broadcasting
27. Emerging Technologies in Journalism
28. Radio Production
29. Journalism and Broadcasting—Independent Study
30. Journalism and Broadcasting—Workplace Experience
31. Journalism and Broadcasting—Other
32. Digital Media Technology
33. Desktop Publishing
34. Digital Media Design and Production
35. Commercial Graphic Design
36. Graphic Technology
37. Photography and Printing Technology
38. Photoengraving
39. Print Press Operations
40. Particular Topics in Printing Technology and Production
41. Printing Technology—Independent Study
42. Printing Technology—Workplace Experience
43. Printing Technology—Other
44. Communication and Audio/Video Technology—Independent Study
45. Communication and Audio/Video Technology—Workplace Experience
46. Communication and Audio/Video Technology—Other
47. Apparel and Furnishings—Workplace Experience

### BLS Occupations

1. Desktop Publishers
2. Proofreaders and Copy Markers
3. Prepress Technicians and Workers
4. Printing Press Operators
5. Print Binding and Finishing Workers
6. Art Directors
7. Craft Artists
8. Fine Artists, Including Painters, Sculptors, and Illustrators
9. Multimedia Artists and Animators
10. Artists and Related Workers, All Other
11. Commercial and Industrial Designers
12. Fashion Designers
13. Floral Designers
14. Graphic Designers
15. Set and Exhibit Designers
16. Designers, All Other
17. Agents and Business Managers of Artists, Performers, and Athletes
18. Actors
19. Producers and Directors
20. Dancers
21. Choreographers
22. Music Directors and Composers
23. Musicians and Singers
24. Entertainers and Performers, Sports and Related Workers, All Other
25. Public Address System and Other Announcers
26. Costume Attendants
27. Makeup Artists, Theatrical and Performance
28. Radio and Television Announcers
29. Broadcast News Analysts
30. Reporters and Correspondents
31. Editors
32. Technical Writers
33. Writers and Authors
34. Media and Communication Workers, All Other
35. Audio and Video Equipment Technicians
36. Broadcast Technicians
37. Radio Operators
38. Sound Engineering Technicians
39. Photographers
40. Camera Operators, Television, Video, and Motion Picture
41. Film and Video Editors
42. Media and Communication Equipment Workers, All Other
43. Telecommunications Equipment Installers and Repairers, Except Line Installers
44. Telecommunications Line Installers and Repairers

# BUSINESS MANAGEMENT & ADMINISTRATION (BM)

## CTE Courses

1. Business Law
2. Accounting
3. Business Economics
4. Business Computer Applications
5. Business/Office Career Exploration
6. Office Procedures—Comprehensive
7. Office and Administrative Technologies
8. Office Services
9. Word Processing
10. Recordkeeping
11. Particular Topics in Administration
12. Business Communications
13. Administration—Independent Study
14. Administration—Workplace Experience
15. Administration—Other
16. Introductory Business
17. Business Management
18. Entrepreneurship
19. Business Principles and Management
20. International Business and Marketing
21. Human Resources and Labor Relations
22. Human Resources Management
23. IB Business and Management
24. Business Ethics
25. Management—Independent Study
26. Management—Workplace Experience
27. Management—Other
28. Business and Marketing—Independent Study
29. Business and Marketing—Workplace Experience
30. Business and Marketing—Other

## BLS Occupations

1. Managers, All Other
2. Chief Executives
3. General and Operations Managers
4. Computer and Information Systems Managers
5. Compensation and Benefits Managers
6. Human Resources Managers
7. Training and Development Managers
8. Human Resources Specialists
9. Labor Relations Specialists
10. Compensation, Benefits, and Job Analysis Specialists
11. Training and Development Specialists
12. Administrative Services Managers
13. Industrial Production Managers
14. Purchasing Managers
15. Management Analysts
16. Meeting, Convention, and Event Planners
17. Fundraisers
18. Business Operations Specialists, All Other
19. Operations Research Analysts
20. First-Line Supervisors of Office and Administrative Support Workers
21. Switchboard Operators, Including Answering Service
22. Telephone Operators
23. Communications Equipment Operators, All Other
24. Bookkeeping, Accounting, and Auditing Clerks
25. Payroll and Timekeeping Clerks
26. Procurement Clerks
27. Correspondence Clerks
28. Customer Service Representatives
29. File Clerks
30. Interviewers, Except Eligibility and Loan
31. Library Assistants, Clerical
32. New Accounts Clerks
33. Order Clerks
34. Human Resources Assistants, Except Payroll and Timekeeping
35. Receptionists and Information Clerks
36. Information and Record Clerks, All Other
37. Meter Readers, Utilities
38. Postal Service Clerks
39. Postal Service Mail Carriers
40. Postal Service Mail Sorters, Processors, and Processing Machine Operators
41. Shipping, Receiving, and Traffic Clerks
42. Stock Clerks and Order Fillers
43. Executive Secretaries and Executive Administrative Assistants
44. Secretaries and Administrative Assistants, Except Legal, Medical, and Executive
45. Computer Operators
46. Data Entry Keyers
47. Word Processors and Typists
48. Mail Clerks and Mail Machine Operators, Except Postal Service
49. Office Clerks, General
50. Office Machine Operators, Except Computer
51. Office and Administrative Support Workers, All Other

# EDUCATION & TRAINING (ED)

## CTE Courses

1. Teaching Profession
2. Education Methodology
3. Teaching—Early Childhood Education
4. Particular Topics in Education
5. Education—Independent Study
6. Education—Workplace Experience
7. Education—Other
8. Instructional Technology

## BLS Occupations

1. Education Administrators, Preschool and Childcare Center/Program
2. Education Administrators, Elementary and Secondary School
3. Education Administrators, Postsecondary
4. Education Administrators, All Other
5. Educational, Guidance, School, and Vocational Counselors
6. Archivists
7. Curators
8. Museum Technicians and Conservators
9. Librarians
10. Library Technicians
11. Audio-Visual and Multimedia Collections Specialists
12. Instructional Coordinators
13. Interpreters and Translators
14. Business Teachers, Postsecondary
15. Computer Science Teachers, Postsecondary
16. Mathematical Science Teachers, Postsecondary
17. Architecture Teachers, Postsecondary
18. Engineering Teachers, Postsecondary
19. Agricultural Sciences Teachers, Postsecondary
20. Biological Science Teachers, Postsecondary
21. Forestry and Conservation Science Teachers, Postsecondary
22. Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
23. Chemistry Teachers, Postsecondary
24. Environmental Science Teachers, Postsecondary
25. Physics Teachers, Postsecondary
26. Anthropology and Archeology Teachers, Postsecondary
27. Area, Ethnic, and Cultural Studies Teachers, Postsecondary
28. Economics Teachers, Postsecondary
29. Geography Teachers, Postsecondary
30. Political Science Teachers, Postsecondary
31. Psychology Teachers, Postsecondary
32. Sociology Teachers, Postsecondary
33. Social Sciences Teachers, Postsecondary, All Other
34. Health Specialties Teachers, Postsecondary
35. Nursing Instructors and Teachers, Postsecondary
36. Education Teachers, Postsecondary
37. Library Science Teachers, Postsecondary
38. Criminal Justice and Law Enforcement Teachers, Postsecondary
39. Law Teachers, Postsecondary
40. Social Work Teachers, Postsecondary
41. Art, Drama, and Music Teachers, Postsecondary
42. Communications Teachers, Postsecondary
43. English Language and Literature Teachers, Postsecondary
44. Foreign Language and Literature Teachers, Postsecondary
45. History Teachers, Postsecondary
46. Philosophy and Religion Teachers, Postsecondary
47. Graduate Teaching Assistants
48. Home Economics Teachers, Postsecondary
49. Recreation and Fitness Studies Teachers, Postsecondary
50. Vocational Education Teachers, Postsecondary
51. Postsecondary Teachers, All Other
52. Preschool Teachers, Except Special Education
53. Kindergarten Teachers, Except Special Education
54. Elementary School Teachers, Except Special Education
55. Middle School Teachers, Except Special and Career/Technical Education
56. Career/Technical Education Teachers, Middle School
57. Secondary School Teachers, Except Special and Career/Technical Education
58. Career/Technical Education Teachers, Secondary School
59. Special Education Teachers, Preschool
60. Special Education Teachers, Kindergarten and Elementary School
61. Special Education Teachers, Middle School
62. Special Education Teachers, Secondary School
63. Special Education Teachers, All Other
64. Adult Basic and Secondary Education and Literacy Teachers and Instructors
65. Self-Enrichment Education Teachers
66. Teachers and Instructors, All Other
67. Farm and Home Management Advisors
68. Teacher Assistants
69. Education, Training, and Library Workers, All Other
70. Coaches and Scouts

# FINANCE (FIN)

## CTE Courses

1. Accounting
2. Business Economics
3. Banking and Finance
4. Banking
5. Finance
6. Risk Management and Insurance
7. Securities and Investments
8. Cost Accounting
9. Income Tax Accounting
10. Payroll Accounting
11. Particular Topics in Accounting
12. Finance—Independent Study
13. Finance—Workplace Experience
14. Finance—Other

## BLS Occupations

1. Personal Financial Advisors
2. Financial Specialists, All Other
3. Securities, Commodities, and Financial Services Sales Agents
4. Brokerage Clerks
5. Financial Managers
6. Budget Analysts
7. Financial Analysts
8. Tax Preparers
9. Accountants and Auditors
10. Claims Adjusters, Examiners, and Investigators
11. Insurance Appraisers, Auto Damage
12. Insurance Underwriters
13. Actuaries
14. Insurance Sales Agents
15. Insurance Claims and Policy Processing Clerks
16. Credit Analysts
17. Loan Officers
18. Bill and Account Collectors
19. Tellers
20. Financial Clerks, All Other
21. Credit Authorizers, Checkers, and Clerks
22. Loan Interviewers and Clerks



# GOVERNMENT & PUBLIC ADMINISTRATION (GOV)

## CTE Courses

1. Public Administration
2. Community Protection
3. Public, Protective, and Government Service—Independent Study
4. Public, Protective, and Government Service—Workplace Experience
5. Public, Protective, and Government Service—Other
6. Government Service—Workplace Experience
7. Government Service—Other

## BLS Occupations

1. Legislators
2. Compliance Officers
3. Financial Examiners
4. Transportation Inspectors
5. Transportation Security Screeners
6. Air Crew Officers
7. Aircraft Launch and Recovery Officers
8. Armored Assault Vehicle Officers
9. Artillery and Missile Officers
10. Command and Control Center Officers
11. Infantry Officers
12. Special Forces Officers
13. Military Officer Special and Tactical Operations Leaders, All Other
14. First-Line Supervisors of Air Crew Members
15. First-Line Supervisors of Weapons Specialists/Crew Members
16. First-Line Supervisors of All Other Tactical Operations Specialists
17. Air Crew Members
18. Aircraft Launch and Recovery Specialists
19. Armored Assault Vehicle Crew Members
20. Artillery and Missile Crew Members
21. Command and Control Center Specialists
22. Infantry
23. Radar and Sonar Technicians
24. Special Forces
25. Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other
26. Urban and Regional Planners
27. Statistical Assistants
28. Appraisers and Assessors of Real Estate
29. Tax Examiners and Collectors, and Revenue Agents
30. Occupational Health and Safety Specialists
31. Occupational Health and Safety Technicians
32. Agricultural Inspectors
33. Construction and Building Inspectors
34. Postmasters and Mail Superintendents
35. Emergency Management Directors
36. Court, Municipal, and License Clerks
37. Eligibility Interviewers, Government Programs

# HEALTH SCIENCE (HS)

## CTE Courses

1. Home Health Care
2. Gerontology
3. Exploration of Health Care Occupations
4. Health Care Occupations—Comprehensive
5. Medical Law and Ethics
6. Nursing
7. Nursing—LPN
8. Dental Science
9. Emergency Medical Technology
10. Surgical Technology
11. Vision Care
12. Optometrics
13. Physical Therapy
14. Respiratory Therapy
15. Sports Medicine
16. Particular Topics in Therapeutic Services
17. Therapeutic Services—Independent Study
18. Therapeutic Services—Workplace Experience
19. Therapeutic Services—Other
20. Dental Laboratory Technology
21. Medical Lab Technology
22. EKG Technology
23. Phlebotomy
24. Particular Topics in Diagnostic Services
25. Diagnostic Services—Independent Study
26. Diagnostic Services—Workplace Experience
27. Diagnostic Services—Other
28. Medical/Clerical Assisting
29. Pharmacy Assisting
30. Medical office Procedures
31. Medical Terminology
32. Particular Topics in Health Information
33. Medical Coding and Transcription
34. Health Informatics and Data Management
35. Health Information—Independent Study
36. Health Information—Workplace Experience
37. Health Information—Other
38. Central Service Technology
39. Health Support Services
40. Health Unit Coordination
41. Particular Topics in Health Support Services
42. Health Support Services—Independent Study
43. Health Support Services—Workplace Experience
44. Health Support Services—Other
45. Health Science
46. Biotechnology
47. Pharmacology
48. Particular Topics in Health Sciences
49. Biomedical Innovation
50. Health Sciences—Independent Study
51. Health Sciences—Workplace Experience
52. Health Sciences—Other
53. Health Sciences—Independent Study
54. Health Sciences—Workplace Experience
55. Health Sciences—Other

## BLS Occupations

1. Chiropractors
2. Dentists, General
3. Oral and Maxillofacial Surgeons
4. Orthodontists
5. Prosthodontists
6. Dentists, All Other Specialists
7. Dietitians and Nutritionists
8. Optometrists
9. Pharmacists
10. Anesthesiologists
11. Family and General Practitioners
12. Internists, General
13. Obstetricians and Gynecologists
14. Pediatricians, General
15. Psychiatrists
16. Surgeons
17. Physicians and Surgeons, All Other
18. Physician Assistants
19. Podiatrists
20. Occupational Therapists
21. Physical Therapists
22. Radiation Therapists
23. Recreational Therapists
24. Respiratory Therapists
25. Speech-Language Pathologists
26. Exercise Physiologists
27. Therapists, All Other
28. Veterinarians
29. Registered Nurses
30. Nurse Anesthetists
31. Nurse Midwives
32. Nurse Practitioners
33. Audiologists
34. Health Diagnosing and Treating Practitioners, All Other
35. Dental Hygienists
36. Dietetic Technicians
37. Pharmacy Technicians
38. Psychiatric Technicians
39. Respiratory Therapy Technicians
40. Surgical Technologists
41. Ophthalmic Medical Technicians
42. Licensed Practical and Licensed Vocational Nurses
43. Opticians, Dispensing
44. Orthotists and Prosthetists
45. Hearing Aid Specialists
46. Athletic Trainers
47. Genetic Counselors
48. Healthcare Practitioners and Technical Workers, All Other
49. Home Health Aides
50. Psychiatric Aides
51. Nursing Assistants
52. Occupational Therapy Assistants
53. Occupational Therapy Aides
54. Physical Therapist Assistants

# HEALTH SCIENCE (HS), CONT.

## BLS Occupations, cont.

55. Physical Therapist Aides
56. Dental Assistants
57. Medical Assistants
58. Epidemiologists
59. Medical and Clinical Laboratory Technologists
60. Medical and Clinical Laboratory Technicians
61. Cardiovascular Technologists and Technicians
62. Diagnostic Medical Sonographers
63. Nuclear Medicine Technologists
64. Radiologic Technologists
65. Magnetic Resonance Imaging Technologists
66. Veterinary Technologists and Technicians
67. Health Technologists and Technicians, All Other
68. Medical Records and Health Information Technicians
69. Medical Transcriptionists
70. Medical Secretaries
71. Medical and Health Services Managers
72. Orderlies
73. Medical Equipment Preparers
74. Pharmacy Aides
75. Veterinary Assistants and Laboratory Animal Caretakers
76. Phlebotomists
77. Healthcare Support Workers, All Other
78. Biomedical Engineers
79. Medical Scientists, Except Epidemiologists

# HOSPITALITY & TOURISM (HOSP)

## CTE Courses

1. Exploration of Hospitality Careers
2. Exploration of Restaurant, Food, and Beverage Services
3. Restaurant, Food, and Beverage Services—Comprehensive
4. Food Service
5. Nutrition and Food Preparation
6. Restaurant Management and Operations
7. Culinary Art Specialty
8. Particular Topics in Restaurant, Food, and Beverage Services
9. Restaurant, Food, and Beverage Services—Independent Study
10. Restaurant, Food, and Beverage Services—Workplace Experience
11. Restaurant, Food, and Beverage Services—Other
12. Exploration of Lodging Careers
13. Lodging—Comprehensive
14. Particular Topics in Lodging
15. Lodging—Independent Study
16. Lodging—Workplace Experience
17. Lodging—Other
18. Introduction to Travel and Tourism
19. Travel and Tourism—Comprehensive
20. World Travel and Tourism
21. Eco-tourism
22. Particular Topics in Travel and Tourism
23. Travel and Tourism—Independent Study
24. Travel and Tourism—Workplace Experience
25. Travel and Tourism—Other
26. Hospitality and Tourism—Independent Study
27. Hospitality and Tourism—Workplace Experience
28. Hospitality and Tourism—Other
29. Exploration of Recreation, Amusement, and Attractions
30. Recreation, Amusement, and Attractions—Comprehensive
31. Particular Topics in Recreation, Amusement, and Attractions
32. Recreation, Amusement, and Attractions Management
33. Recreation, Amusement, and Attractions—Independent Study
34. Recreation, Amusement, and Attractions—Workplace Experience
35. Recreation, Amusement, and Attractions—Other

## BLS Occupations

1. Food Service Managers
2. Chefs and Head Cooks
3. First-Line Supervisors of Food Preparation and Serving Workers
4. Cooks, Fast Food
5. Cooks, Institution and Cafeteria
6. Cooks, Private Household
7. Cooks, Restaurant
8. Cooks, Short Order
9. Cooks, All Other
10. Food Preparation Workers
11. Bartenders
12. Combined Food Preparation and Serving Workers, Including Fast Food
13. Counter Attendants, Cafeteria, Food Concession, and Coffee Shop
14. Waiters and Waitresses
15. Food Servers, Nonrestaurant
16. Dining Room and Cafeteria Attendants and Bartender Helpers
17. Dishwashers
18. Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop
19. Food Preparation and Serving Related Workers, All Other
20. Bakers
21. Lodging Managers
22. First-Line Supervisors of Housekeeping and Janitorial Workers
23. Janitors and Cleaners, Except Maids and Housekeeping Cleaners
24. Maids and Housekeeping Cleaners
25. Building Cleaning Workers, All Other
26. Baggage Porters and Bellhops
27. Concierges
28. Hotel, Motel, and Resort Desk Clerks
29. Tour Guides and Escorts
30. Travel Guides
31. Travel Agents
32. Reservation and Transportation Ticket Agents and Travel Clerks
33. Gaming Managers
34. Athletes and Sports Competitors
35. Umpires, Referees, and Other Sports Officials
36. Gaming Supervisors
37. Slot Supervisors
38. Animal Trainers
39. Gaming Dealers
40. Gaming and Sports Book Writers and Runners
41. Gaming Service Workers, All Other
42. Motion Picture Projectionists
43. Ushers, Lobby Attendants, and Ticket Takers
44. Amusement and Recreation Attendants
45. Entertainment Attendants and Related Workers, All Other
46. Recreation Workers
47. Gaming Change Persons and Booth Cashiers
48. Gaming Cage Workers

# HUMAN SERVICES (HUM)

## CTE Courses

1. Child Care
2. Child Development
3. Elder Care
4. Child and Adult Care Services
5. Particular Topics in Child and Elder Care
6. Child and Elder Care—Independent Study
7. Child and Elder Care—Workplace Experience
8. Child and Elder Care—Other
9. Cosmetology—Licensing
10. Barbering
11. Hair Styling
12. Cosmetology—Nail Specialization
13. Cosmetology—Facial Specialization
14. Particular Topics in Cosmetology
15. Cosmetology—Independent Study
16. Cosmetology—Workplace Experience
17. Cosmetology—Other
18. Human Services—Independent Study
19. Human Services—Workplace Experience
20. Human Services—Other

## BLS Occupations

1. Childcare Workers
2. Clinical, Counseling, and School Psychologists
3. Industrial-Organizational Psychologists
4. Psychologists, All Other
5. Substance Abuse and Behavioral Disorder Counselors
6. Marriage and Family Therapists
7. Mental Health Counselors
8. Rehabilitation Counselors
9. Counselors, All Other
10. Mental Health and Substance Abuse Social Workers
11. Social and Community Service Managers
12. Child, Family, and School Social Workers
13. Healthcare Social Workers
14. Social Workers, All Other
15. Health Educators
16. Social and Human Service Assistants
17. Community Health Workers
18. Community and Social Service Specialists, All Other
19. Clergy
20. Directors, Religious Activities and Education
21. Religious Workers, All Other
22. Funeral Service Managers
23. Massage Therapists
24. First-Line Supervisors of Personal Service Workers
25. Locker Room, Coatroom, and Dressing Room Attendants
26. Embalmers
27. Funeral Attendants
28. Morticians, Undertakers, and Funeral Directors
29. Barbers
30. Hairdressers, Hairstylists, and Cosmetologists
31. Manicurists and Pedicurists
32. Shampooers
33. Skincare Specialists
34. Personal Care Aides
35. Fitness Trainers and Aerobics Instructors
36. Residential Advisors
37. Personal Care and Service Workers, All Other
38. Laundry and Dry-Cleaning Workers
39. Pressers, Textile, Garment, and Related Materials
40. Tailors, Dressmakers, and Custom Sewers
41. Credit Counselors

# INFORMATION TECHNOLOGY (IT)

## CTE Courses

1. Telecommunications
2. Computer Gaming and Design
3. Business Computer Applications
4. Health Informatics and Data Management
5. Geospatial Technology
6. Modeling and Simulation Technology
7. Introduction to Computer Technology
8. Computing Systems
9. Computer and Information Technology
10. Computer Applications
11. IB Information Technology in a Global Society
12. Internet Skills
13. Computer Science Principles
14. Exploring Computer Science
15. PLTW Introduction to Computer Science
16. PLTW Computer Science Applications
17. PLTW Computer Science and Software Engineering
18. PLTW Cybersecurity
19. PLTW Simulation and Modeling
20. PLTW Artificial Intelligence
21. Information Management
22. Database Management and Data Warehousing
23. Database Application
24. Data Systems/Processing
25. Network Technology
26. Networking Systems
27. Area Network Design and Protocols
28. Router Basics
29. NetWare Routing
30. Wide Area Telecommunications and Networking
31. Wireless Networks
32. Network Security
33. Essentials of Network Operating Systems
34. Microsoft Certified Professional (MCP)
35. Particular Topics in Networking Systems
36. Local Area Networking
37. Networking Systems—Independent Study
38. Networking Systems—Workplace Experience
39. Networking Systems—Other
40. Business Programming
41. Computer Programming
42. Visual Basic (VB) Programming
43. C++ Programming
44. Java Programming
45. Computer Programming—Other Language
46. AP Computer Science A
47. IB Computer Science
48. Particular Topics in Computer Programming
49. Computer Programming—Independent Study
50. Computer Programming—Workplace Experience
51. Computer Programming—Other
52. Web Page Design
53. Computer Graphics
54. Interactive Media
55. Particular Topics in Media Technology
56. Mobile Applications
57. Media Technology—Independent Study
58. Media Technology—Workplace Experience
59. Media Technology—Other
60. Computer Technology
61. Computer Maintenance
62. Information Support and Services
63. IT Essentials: PC Hardware and Software
64. CISCO—The Panduit Network Infrastructure Essentials (PNIE)
65. Particular Topics in Information Support and Services
66. Information Support and Services—Independent Study
67. Information Support and Services—Workplace Experience
68. Information Support and Services—Other
69. Cyber Crime
70. Information Technology—Independent Study
71. Information Technology—Workplace Experience
72. Information Technology—Other

## BLS Occupations

1. Information Security Analysts
2. Database Administrators
3. Network and Computer Systems Administrators
4. Computer Network Architects
5. Computer Network Support Specialists
6. Computer User Support Specialists
7. Computer Occupations, All Other
8. Web Developers
9. Computer Systems Analysts
10. Computer Programmers
11. Software Developers, Applications
12. Software Developers, Systems Software

# LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY (LAW)

## CTE Courses

1. Community Protection
2. Public, Protective, and Government Service—Independent Study
3. Public, Protective, and Government Service—Workplace Experience
4. Public, Protective, and Government Service—Other
5. Business Law
6. Computer Forensics
7. Exploration of Public Service Careers
8. Criminal Justice
9. Particular Topics in Law Enforcement
10. Law Enforcement
11. Forensic Science
12. Crime Scene Management (Criminalistics)
13. Criminal Law and Procedures
14. Ethics in Criminal Justice
15. Law Enforcement—Independent Study
16. Law Enforcement—Workplace Experience
17. Law Enforcement—Other
18. Public Safety
19. Security Services
20. Public Safety Telecommunications
21. Security and Protection—Independent Study
22. Security and Protection—Workplace Experience
23. Security and Protection—Other
24. Fire Science
25. Fire Fighting
26. Particular Topics in Fire Management
27. Fire Management—Independent Study
28. Fire Management—Workplace Experience
29. Fire Management—Other

## BLS Occupations

1. Probation Officers and Correctional Treatment Specialists
2. First-Line Supervisors of Correctional Officers
3. Correctional Officers and Jailers
4. Emergency Medical Technicians and Paramedics
5. First-Line Supervisors of Fire Fighting and Prevention Workers
6. Firefighters
7. Fire Inspectors and Investigators
8. Forest Fire Inspectors and Prevention Specialists
9. Police, Fire, and Ambulance Dispatchers
10. First-Line Supervisors of Protective Service Workers, All Other
11. Bailiffs
12. Gaming Surveillance Officers and Gaming Investigators
13. Security Guards
14. Crossing Guards
15. Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers
16. Protective Service Workers, All Other
17. Forensic Science Technicians
18. First-Line Supervisors of Police and Detectives
19. Detectives and Criminal Investigators
20. Fish and Game Wardens
21. Parking Enforcement Workers
22. Police and Sheriff's Patrol Officers
23. Transit and Railroad Police
24. Animal Control Workers
25. Private Detectives and Investigators
26. Lawyers
27. Judicial Law Clerks
28. Administrative Law Judges, Adjudicators, and Hearing Officers
29. Arbitrators, Mediators, and Conciliators
30. Judges, Magistrate Judges, and Magistrates
31. Paralegals and Legal Assistants
32. Court Reporters
33. Title Examiners, Abstractors, and Searchers
34. Legal Support Workers, All Other
35. Legal Secretaries

# MANUFACTURING (MAN)

## CTE Courses

1. Robotics
2. Computer Integrated Manufacturing
3. Exploring of Manufacturing Occupations
4. Manufacturing—Comprehensive
5. Industrial Arts
6. Industrial Safety/First Aid
7. Materials and Processes
8. Metal and Wood Processing/Production
9. Wood Processing/Production
10. Metal Processing/Production
11. Plastics Processing/Production
12. Ceramic Processing/Production
13. Particular Topics in Processing and Production
14. Processing/Production—Independent Study
15. Processing/Production—Workplace Experience
16. Processing/Production—Other
17. Production Systems
18. Electro-Mechanical Systems
19. Product Development
20. Production Systems—Independent Study
21. Production Systems—Workplace Experience
22. Production Systems—Other
23. Metalwork Operations
24. Metalworking
25. Machining
26. Sheet Metal
27. Welding
28. Appliance Repair
29. Equipment Maintenance and Repair
30. Industrial Maintenance
31. Repair—Independent Study
32. Repair—Workplace Experience
33. Repair—Other
34. Manufacturing—Independent Study
35. Manufacturing—Workplace Experience
36. Manufacturing—Other

## BLS Occupations

1. First-Line Supervisors of Production and Operating Workers
2. Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
3. Coil Winders, Tapers, and Finishers
4. Electrical and Electronic Equipment Assemblers
5. Electromechanical Equipment Assemblers
6. Engine and Other Machine Assemblers
7. Fiberglass Laminators and Fabricators
8. Team Assemblers
9. Timing Device Assemblers and Adjusters
10. Assemblers and Fabricators, All Other
11. Butchers and Meat Cutters
12. Meat, Poultry, and Fish Cutters and Trimmers
13. Slaughterers and Meat Packers
14. Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
15. Food Batchmakers
16. Food Cooking Machine Operators and Tenders
17. Food Processing Workers, All Other
18. Computer-Controlled Machine Tool Operators, Metal and Plastic
19. Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic
20. Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
21. Forging Machine Setters, Operators, and Tenders, Metal and Plastic
22. Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
23. Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
24. Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
25. Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
26. Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
27. Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
28. Machinists
29. Metal-Refining Furnace Operators and Tenders
30. Pourers and Casters, Metal
31. Model Makers, Metal and Plastic
32. Patternmakers, Metal and Plastic
33. Foundry Mold and Coremakers
34. Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
35. Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic
36. Tool and Die Makers
37. Welders, Cutters, Solderers, and Brazers
38. Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
39. Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
40. Layout Workers, Metal and Plastic
41. Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic
42. Tool Grinders, Filers, and Sharpeners
43. Metal Workers and Plastic Workers, All Other
44. Sewing Machine Operators
45. Shoe and Leather Workers and Repairers
46. Shoe Machine Operators and Tenders
47. Sewers, Hand
48. Textile Bleaching and Dyeing Machine Operators and Tenders
49. Textile Cutting Machine Setters, Operators, and Tenders
50. Textile Knitting and Weaving Machine Setters, Operators, and Tenders
51. Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
52. Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers
53. Fabric and Apparel Patternmakers
54. Upholsterers
55. Textile, Apparel, and Furnishings Workers, All Other
56. Cabinetmakers and Bench Carpenters



# MANUFACTURING (MAN), CONT.

## BLS Occupations, cont.

57. Furniture Finishers
58. Model Makers, Wood
59. Patternmakers, Wood
60. Sawing Machine Setters, Operators, and Tenders, Wood
61. Woodworking Machine Setters, Operators, and Tenders, Except Sawing
62. Woodworkers, All Other
63. Nuclear Power Reactor Operators
64. Power Distributors and Dispatchers
65. Power Plant Operators
66. Chemical Plant and System Operators
67. Gas Plant Operators
68. Petroleum Pump System Operators, Refinery Operators, and Gaugers
69. Plant and System Operators, All Other
70. Chemical Equipment Operators and Tenders
71. Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
72. Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
73. Grinding and Polishing Workers, Hand
74. Mixing and Blending Machine Setters, Operators, and Tenders
75. Cutters and Trimmers, Hand
76. Cutting and Slicing Machine Setters, Operators, and Tenders
77. Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
78. Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
79. Jewelers and Precious Stone and Metal Workers
80. Dental Laboratory Technicians
81. Ophthalmic Laboratory Technicians
82. Packaging and Filling Machine Operators and Tenders
83. Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
84. Painters, Transportation Equipment
85. Painting, Coating, and Decorating Workers
86. Semiconductor Processors
87. Photographic Process Workers and Processing Machine Operators
88. Adhesive Bonding Machine Operators and Tenders
89. Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
90. Cooling and Freezing Equipment Operators and Tenders
91. Etchers and Engravers
92. Molders, Shapers, and Casters, Except Metal and Plastic
93. Paper Goods Machine Setters, Operators, and Tenders
94. Tire Builders
95. Helpers--Production Workers
96. Production Workers, All Other
97. Machine Feeders and Offbearers
98. Purchasing Agents, Except Wholesale, Retail, and Farm Products
99. Electrical and Electronics Drafters
100. Mechanical Drafters
101. Drafters, All Other
102. Aerospace Engineering and Operations Technicians
103. Electrical and Electronics Engineering Technicians
104. Electro-Mechanical Technicians
105. Industrial Engineering Technicians
106. Mechanical Engineering Technicians
107. Engineering Technicians, Except Drafters, All Other
108. Chemical Technicians
109. Nuclear Technicians
110. First-Line Supervisors of Mechanics, Installers, and Repairers
111. Computer, Automated Teller, and Office Machine Repairers
112. Radio, Cellular, and Tower Equipment Installers and Repairs
113. Electric Motor, Power Tool, and Related Repairers
114. Electrical and Electronics Repairers, Commercial and Industrial Equipment
115. Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
116. Electronic Home Entertainment Equipment Installers and Repairers
117. Security and Fire Alarm Systems Installers
118. Outdoor Power Equipment and Other Small Engine Mechanics
119. Home Appliance Repairers
120. Industrial Machinery Mechanics
121. Maintenance Workers, Machinery
122. Camera and Photographic Equipment Repairers
123. Medical Equipment Repairers
124. Musical Instrument Repairers and Tuners
125. Watch Repairers
126. Precision Instrument and Equipment Repairers, All Other
127. Maintenance and Repair Workers, General
128. Wind Turbine Service Technicians
129. Coin, Vending, and Amusement Machine Servicers and Repairers
130. Fabric Menders, Except Garment
131. Locksmiths and Safe Repairers
132. Installation, Maintenance, and Repair Workers, All Other
133. Medical Appliance Technicians
134. Production, Planning, and Expediting Clerks
135. Weighers, Measurers, Checkers, and Samplers, Recordkeeping
136. Inspectors, Testers, Sorters, Samplers, and Weighers

# MARKETING (MARK)

## CTE Courses

1. Marketing Career Exploration
2. Marketing—Comprehensive
3. Marketing—Real Estate
4. Marketing—Transportation
5. Marketing—Insurance
6. Marketing—Floristry
7. Marketing—Merchandising
8. Retail Marketing
9. Internet Marketing
10. Sports and Entertainment Marketing
11. Principles of Marketing
12. Principles of Advertising
13. Marketing Management
14. Marketing—Other Specialization
15. Social Media Marketing
16. Marketing—Independent Study
17. Marketing—Workplace Experience
18. Marketing—Other
19. Cashier/Checker Operations
20. Principles of Selling
21. Sales—Independent Study
22. Sales—Workplace Experience
23. Sales—Other

## BLS Occupations

1. Advertising and Promotions Managers
2. Marketing Managers
3. Sales Managers
4. Public Relations and Fundraising Managers
5. Property, Real Estate, and Community Association Managers
6. First-Line Supervisors of Retail Sales Workers
7. First-Line Supervisors of Non-Retail Sales Workers
8. Cashiers
9. Counter and Rental Clerks
10. Parts Salespersons
11. Retail Salespersons
12. Advertising Sales Agents
13. Sales Representatives, Services, All Other
14. Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
15. Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
16. Demonstrators and Product Promoters
17. Real Estate Brokers
18. Real Estate Sales Agents
19. Sales Engineers
20. Telemarketers
21. Door-to-Door Sales Workers, News and Street Vendors, and Related Workers
22. Sales and Related Workers, All Other
23. Driver/Sales Workers
24. Wholesale and Retail Buyers, Except Farm Products
25. Merchandise Displayers and Window Trimmers
26. Models
27. Public Relations Specialists
28. Market Research Analysts and Marketing Specialists

# SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)

## CTE Courses

1. Pre-Engineering Technology
2. Engineering Applications
3. Engineering Technology
4. Principles of Engineering
5. Engineering—Comprehensive
6. Engineering Design
7. Engineering Design and Development
8. Digital Electronics
9. Civil Engineering
10. Civil Engineering and Architecture
11. Aerospace Engineering
12. Biotechnical Engineering
13. Engineering Analysis
14. PLTW Introduction to Engineering Design
15. PLTW Principles of Engineering
16. PLTW Aerospace Engineering
17. PLTW Biological Engineering
18. PLTW Civil Engineering and Architecture
19. PLTW Computer Integrated Manufacturing
20. PLTW Digital Electronics
21. PLTW Environmental Sustainability
22. Engineering—Independent Study
23. Engineering—Workplace Experience
24. Engineering—Other
25. Technological Literacy
26. Technological Processes
27. Emerging Technologies
28. Technology Innovation and Assessment
29. Aerospace Technology
30. Laser/Fiber Optics
31. Geospatial Technology
32. Modeling and Simulation Technology
33. Wind Energy
34. Engineering and Technology—Independent Study
35. Engineering and Technology—Workplace Experience
36. Engineering and Technology—Other

## BLS Occupations

1. Architectural and Engineering Managers
2. Aerospace Engineers
3. Chemical Engineers
4. Computer Hardware Engineers
5. Electrical Engineers
6. Electronics Engineers, Except Computer
7. Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
8. Industrial Engineers
9. Marine Engineers and Naval Architects
10. Materials Engineers
11. Mechanical Engineers
12. Mining and Geological Engineers, Including Mining Safety Engineers
13. Nuclear Engineers
14. Petroleum Engineers
15. Engineers, All Other
16. Computer and Information Research Scientists
17. Mathematicians
18. Statisticians
19. Mathematical Technicians
20. Mathematical Science Occupations, All Other
21. Cartographers and Photogrammetrists
22. Biochemists and Biophysicists
23. Microbiologists
24. Biological Scientists, All Other
25. Conservation Scientists
26. Life Scientists, All Other
27. Astronomers
28. Physicists
29. Atmospheric and Space Scientists
30. Chemists
31. Materials Scientists
32. Environmental Scientists and Specialists, Including Health
33. Geoscientists, Except Hydrologists and Geographers
34. Hydrologists
35. Physical Scientists, All Other
36. Economists
37. Survey Researchers
38. Sociologists
39. Anthropologists and Archeologists
40. Geographers
41. Historians
42. Political Scientists
43. Social Scientists and Related Workers, All Other
44. Social Science Research Assistants
45. Life, Physical, and Social Science Technicians, All Other

# TRANSPORTATION, DISTRIBUTION & LOGISTICS (TRAN)

## CTE Courses

1. Exploration of Transportation, Distribution, and Logistics
2. Truck and Bus Driving
3. Heavy Equipment Operation
4. Aviation
5. Boat Operation
6. Pilot Training
7. Operation—Independent Study
8. Operation—Workplace Experience
9. Operation—Other
10. Energy/Power
11. Power and Mechanics
12. Introduction to Automobiles
13. Automotive Mechanics—Comprehensive
14. Particular Topics in Automotive Mechanics
15. Automotive Service
16. Diesel Mechanics—Comprehensive
17. Particular Topics in Diesel Mechanics
18. Small Vehicle Mechanics
19. Small Engine Mechanics
20. Marine Mechanics
21. Heavy Equipment Mechanics
22. Aircraft Power Plant
23. Aircraft Airframe
24. Automotive Detailing and Reconditioning
25. Automotive Body Repair and Refinishing—Comprehensive
26. Particular Topics in Automotive Body Repair and Refinishing
27. Boat Repair/Refinishing
28. Hybrid Engines
29. Motorsports Technology
30. Mechanics and Repair—Independent Study
31. Mechanics and Repair—Workplace Experience
32. Mechanics and Repair—Other
33. Distribution—Comprehensive
34. Warehouse Operations
35. Distribution and Logistics—Independent Study
36. Distribution and Logistics—Workplace Experience
37. Distribution and Logistics—Other
38. Transportation, Distribution, and Logistics—Independent Study
39. Transportation, Distribution, and Logistics—Workplace Experience
40. Transportation, Distribution, and Logistics—Other

## BLS Occupations

1. Couriers and Messengers
2. Aircraft Cargo Handling Supervisors
3. First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand
4. First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators
5. Airline Pilots, Copilots, and Flight Engineers
6. Commercial Pilots
7. Flight Attendants
8. Ambulance Drivers and Attendants, Except Emergency Medical Technicians
9. Bus Drivers, Transit and Intercity
10. Bus Drivers, School or Special Client
11. Heavy and Tractor-Trailer Truck Drivers
12. Light Truck or Delivery Services Drivers
13. Taxi Drivers and Chauffeurs
14. Motor Vehicle Operators, All Other
15. Locomotive Engineers
16. Locomotive Firers
17. Rail Yard Engineers, Dinkey Operators, and Hostlers
18. Railroad Brake, Signal, and Switch Operators
19. Railroad Conductors and Yardmasters
20. Subway and Streetcar Operators
21. Rail Transportation Workers, All Other
22. Sailors and Marine Oilers
23. Captains, Mates, and Pilots of Water Vessels
24. Motorboat Operators
25. Ship Engineers
26. Bridge and Lock Tenders
27. Transportation Attendants, Except Flight Attendants
28. Transportation Workers, All Other
29. Industrial Truck and Tractor Operators
30. Laborers and Freight, Stock, and Material Movers, Hand
31. Packers and Packagers, Hand
32. Gas Compressor and Gas Pumping Station Operators
33. Pump Operators, Except Wellhead Pumpers
34. Wellhead Pumpers
35. Mine Shuttle Car Operators
36. Tank Car, Truck, and Ship Loaders
37. Material Moving Workers, All Other
38. Transportation, Storage, and Distribution Managers
39. Logisticians
40. Dispatchers, Except Police, Fire, and Ambulance
41. Rail-Track Laying and Maintenance Equipment Operators
42. Avionics Technicians
43. Electrical and Electronics Installers and Repairers, Transportation Equipment
44. Electronic Equipment Installers and Repairers, Motor Vehicles
45. Aircraft Mechanics and Service Technicians
46. Automotive Body and Related Repairers
47. Automotive Glass Installers and Repairers
48. Automotive Service Technicians and Mechanics
49. Bus and Truck Mechanics and Diesel Engine Specialists
50. Mobile Heavy Equipment Mechanics, Except Engines
51. Rail Car Repairers
52. Motorboat Mechanics and Service Technicians
53. Motorcycle Mechanics
54. Bicycle Repairers
55. Recreational Vehicle Service Technicians
56. Tire Repairers and Changers
57. Signal and Track Switch Repairers
58. Automotive and Watercraft Service Attendants
59. Cleaners of Vehicles and Equipment
60. Air Traffic Controllers
61. Airfield Operations Specialists
62. Traffic Technicians
63. Billing and Posting Clerks
64. Cargo and Freight Agents
65. Parking Lot Attendants