The Future Occupations & Reskilling Workforce Advancement to Reach Demand (FORWARD) Loan Program is a low-interest loan designed for students enrolled in programs aligned with high-value credentials and high-demand occupations. This program is limited to students enrolled in specific programs within the fields of Energy, Nursing/Patient Care, Teaching, Technology, and Transportation/Logistics. To read more about this program, visit hhloans.

Energy

Program Name/Description	CIP Code
Aircraft Powerplant Technology/Technician	47.0608
Alternative Fuel Vehicle Technology/Technician	47.0614
Biochemical Engineer	14.4301
Bioenergy	03.0210
Biological/Biosystems Engineering	14.4501
Chemical and Biomolecular Engineering	14.0702
Chemical Engineering	14.0701
Chemical Engineering Technology/Technician	15.0615
Chemical Process Technology	41.0303
Electrical and Electronics Engineering	14.1001
Electrical and Power Transmission Installation/Installer, General	46.0301
Electrical and Power Transmission Installers, Other	46.0399
Electrician	46.0302
Electromechanical Engineering	14.4101
Energy and Environmental Policy	03.0209
Energy Management and Systems Technology/Technician	15.1701
Energy Systems Engineering General	14.4801
Energy Systems Engineering, Other	14.4899
Energy Systems Installation and Repair Technology/Technician	47.0701
Energy Systems Technologies/Technicians, Other	15.1799
Energy, Environment and Natural Resources Law	22.0207
Engineering Physics/Applied Physics	14.1201
Environmental/Natural Resource Economics	03.0204
Geothermal Energy System Installation and Repair Technology/Technician	47.0706
Geothermal Energy Technology/Technician	15.1706
Hydraulics and Fluid Power Technology/Technician	15.1103

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Hydroelectric Energy System Installation and Repair Technology/Technician	47.0705
Hydroelectric Energy Technology/Technician	15.1705
Hydrology and Water Resources Sciences	40.0605
Industrial Mechanics and Maintenance Technology/Technician	47.0303
Line worker	46.0303
Mining and Mineral Engineering	14.2101
Mining and Petroleum Technologies/Technicians Other	15.0999
Mining Technology/Technician	15.0901
Nuclear Engineering	14.2301
Nuclear Engineering Technology/Technician	15.1401
Nuclear Physics	40.0806
Nuclear/Nuclear Power Technology/Technician	41.0205
Ocean Engineering	14.2401
Petroleum Engineering	14.2501
Petroleum Technology/Technician	15.0903
Power Plant Engineering	14.4802
Power Plant Technology/Technician	15.1702
Solar Energy System Installation and Repair Technology/Technician	47.0703
Solar Energy Technology/Technician	15.1703
Wind Energy System Installation and Repair Technology/Technician	47.0704
Wind Energy Technology/Technician	15.1704

As of September 2023

Nursing/Patient Care

Program Name/Description	CIP Code
Adult Health Nurse/Nursing	51.3803
Clinical Nurse Leader	51.3820
Clinical Nurse Specialist	51.3813
Critical Care Nursing	51.3814
Emergency Room/Trauma Nursing	51.3816
Family Practice Nurse/Nurse Practitioner	51.3805
Geriatric Nurse/Nursing	51.3821
Health Aide	51.2601
Health Aides/Attendants/Orderlies, Other	51.2699
Home Health Aide/Home Attendant	51.2602
Licensed Practical/Vocational Nurse Training (LPN, LVN, Cert , Dipl, AAS)	51.3901
Maternal/Child Health and Neonatal Nurse/Nursing	51.3806
Medication Aide	51.2603
Nurse Anesthetist	51.3804
Nurse Midwife/Nursing Midwifery	51.3807
Nurse/Nursing Assistant/Aide and Patient Care Assistant	51.3902
Nursing Administration (MSN, MS, PhD)	51.3802
Nursing Education	51.3817
Nursing Practice	51.3818
Nursing Science (MS, PhD)	51.3808
Nursing/Registered Nurse (RN, ASN, BSN, MSN)	51.3801
Occupational and Environmental Health Nursing	51.3815
Palliative Care Nursing	51.3819
Pediatric Nurse/Nursing	51.3809
Perioperative/Operating Room and Surgical Nurse/Nursing	51.3812
Practical Nursing, Vocational Nursing and Nursing Assistants, Other	51.3999
Psychiatric/Mental Health Nurse/Nursing	51.3810
Public Health/Community Nurse/Nursing	51.3811
Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	51.3899
Rehabilitation Aide	51.2604
Women's Health Nurse/Nursing	51.3822

Teaching

Program Name/Description	CIP Code
Administration of Special Education	13.0402
Adult and Continuing Education Administration	13.0403
Adult and Continuing Education and Teaching	13.1201
Adult Literacy Tutor/Instructor	13.1502
Agricultural Teacher Education	13.1301
Art Teacher Education	13.1302
Bilingual and Multilingual Education	13.0201
Bilingual, Multilingual, and Multicultural Education, Other	13.0299
Biology Teacher Education	13.1322
Business Teacher Education	13.1303
Chemistry Teacher Education	13.1323
College Student Counseling and Personnel Services	13.1102
Community College Education	13.0407
Computer Teacher Education	13.1321
Counselor Education/School Counseling and Guidance Services	13.1101
Curriculum and Instruction	13.0301
Drama and Dance Teacher Education	13.1324
Driver and Safety Teacher Education	13.1304
Early Childhood Education and Teaching	13.1210
Earth Science Teacher Education	13.1337
Education, General	13.0101
Education, Other	13.9999
Education/Teaching of Individuals in Early Childhood Special Education Programs	13.1015
Education/Teaching of Individuals in Elementary Special Education Programs	13.1017
Education/Teaching of Individuals in Junior High/Middle School Special Education Programs	13.1018
Education/Teaching of Individuals in Secondary Special Education Programs	13.1019
Education/Teaching of Individuals Who are Developmentally Delayed	13.1014
Education/Teaching of Individuals with Autism	13.1013
Education/Teaching of Individuals with Emotional Disturbances	13.1005

Program	Code
Education/Teaching of Individuals with Hearing Impairments Including Deafness	13.1003
Education/Teaching of Individuals with Mental Retardation	13.1006
Education/Teaching of Individuals with Multiple Disabilities	13.1007
Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments	13.1008
Education/Teaching of Individuals with Specific Learning Disabilities	13.1011
Education/Teaching of Individuals with Speech or Language Impairments	13.1012
Education/Teaching of Individuals with Traumatic Brain Injuries	13.1016
Education/Teaching of Individuals with Vision Impairments Including Blindness	13.1009
Education/Teaching of the Gifted and Talented	13.1004
Educational Administration and Supervision, Other	13.0499
Educational Assessment, Evaluation, and Research, Other	13.0699
Educational Assessment, Testing, and Measurement	13.0604
Educational Evaluation and Research	13.0601
Educational Leadership and Administration, General	13.0401
Educational Statistics and Research Methods	13.0603
Educational, Instructional, and Curriculum Supervision	13.0404
Educational/Instructional Media Design	13.0501
Elementary and Middle School Administration/Principalship	13.0408
Elementary Education and Teaching	13.1202
English/Language Arts Teacher Education	13.1305
Environmental Education	13.1338
Family and Consumer Sciences/Home Economics Teacher Education	13.1308
Foreign Language Teacher Education	13.1306
French Language Teacher Education	13.1325
Geography Teacher Education	13.1332
German Language Teacher Education	13.1326
Health Occupations Teacher Education	13.1327
Health Teacher Education	13.1307
Higher Education/Higher Education Administration	13.0406
History Teacher Education	13.1328
Indian/Native American Education	13.0203
International and Comparative Education	13.0701

Junior High/Intermediate/Middle School Education and Teaching	13.1203
Kindergarten/Preschool Education and Teaching	13.1209
Latin Teacher Education	13.1333
Learning Sciences	13.0607
Mathematics Teacher Education	13.1311
Montessori Teacher Education	13.1207
Multicultural Education	13.0202
Music Teacher Education	13.1312
Physical Education Teaching and Coaching	13.1314
Physics Teacher Education	13.1329
Psychology Teacher Education	13.1335
Reading Teacher Education	13.1315
Sales and Marketing Operations/Marketing and Distribution Teacher Education	13.1310
School Librarian/School Library Media Specialist	13.1334
Science Teacher Education/General Science Teacher Education	13.1316
Secondary Education and Teaching	13.1205
Secondary School Administration/Principalship	13.0409
Social and Philosophical Foundations of Education	13.0901
Social Science Teacher Education	13.1317
Social Studies Teacher Education	13.1318
Spanish Language Teacher Education	13.1330
Special Education and Teaching, General	13.1001
Special Education and Teaching, Other	13.1099
Speech Teacher Education	13.1331
Student Counseling and Personnel Services, Other	13.1199
Superintendency and Educational System Administration	13.0411
Teacher Assistant/Aide	13.1501
Teacher Education and Professional Development, Specific Levels and Methods, Other	13.1299
Teacher Education and Professional Development, Specific Subject Areas, Other	13.1399
Teacher Education, Multiple Levels	13.1206
Teaching Assistants/Aides, Other	13.1599
Teaching English as a Second or Foreign Language/ESL Language Instructor	13.1401

Teaching English or French as a Second or Foreign Language, Other	13.1499
Teaching French as a Second or Foreign Language	13.1402
Technical Teacher Education	13.1319
Technology Teacher Education/Industrial Arts Teacher Education	13.1309
Trade and Industrial Teacher Education	13.1320
Urban Education and Leadership	13.0410
Waldorf/Steiner Teacher Education	13.1208

Technology

Program Name/Description	CIP Code
Applied Engineering	14.0103
Applied Engineering Technologies/Technician	15.0001
Artificial Intelligence	11.0102
Assistive/Augmentative Technology and Rehabilitation Engineering	51.2312
Audio Engineering Technology/Technician	15.0307
Automation Engineer Technology/Technician	15.0406
Biology/Biotechnology Technology/Technician	41.0101
Biomedical Technology/Technician	15.0401
Chemical Engineering Technology/Technician	15.0615
Chemical Process Technology	41.0303
Chemical Technology/Technician	41.0301
Civil Engineering Technologies/Technicians	15.0201
Cloud Computing	11.0902
Composite Materials Technology/Technician	15.0617
Computer and Information Sciences and Support Services, Other	11.9999
Computer and Information Sciences, General	11.0101
Computer and Information Sciences, Other	11.0199
Computer and Information Systems Security/Auditing/Information Assurance	11.1003
Computer Engineering Technologies/Technicians, Other	15.1299
Computer Engineering Technology/Technician	15.1201
Computer Engineering Technology/Technician	15.1201
Computer Game Programming	11.0204
Computer Graphics	11.0803
Computer Hardware Technology/Technician	15.1203
Computer Programming, Other	11.0299
Computer Programming, Specific Applications	11.0202
Computer Programming, Specific Platforms	11.0205
Computer Programming, Vendor/Product Certification	11.0203
Computer Programming/Programmer, General	11.0201
Computer Science	11.0701
Computer Software and Media Applications, Other	11.0899
Computer Software Technology/Technician	15.1204

Computer Support Specialist	11.1006
Computer Systems Analysis/Analyst	11.0501
Computer Systems Networking and Telecommunications	11.0901
Computer Systems Networking and Telecommunications, Other	11.0999
Computer/Computer Systems Technology/Technician	15.1202
Computer/Information Technology Services Admin and Management, Other	11.1099
Condensed Matter and Materials Physics	40.0808
Data Entry/Microcomputer Applications, General	11.0601
Data Entry/Microcomputer Applications, Other	11.0699
Data Modeling/Warehousing and Database Administration	11.0802
Data Processing and Data Processing Technology/Technician	11.0301
Electrical, Electronic, and Communications Engineering Technology/Technician	15.0303
Electrical/Electronic Engineering Technologies/Technicians, Other	15.0399
Electromechanical Engineering	14.4101
Electromechanical Technologies/Technicians, Other	15.0499
Electromechanical/Electromechanical Engineering Technology/Technician	15.0403
Engineering Chemistry	14.4401
Engineering Physics/Applied Physics	14.1201
Engineering Technologies/Technicians, General	15.0000
Hazardous Materials Information Systems Technology/Technician	15.0704
Human-Centered Technology Design	11.0105
Industrial Production Technologies/Technicians, Other	15.0699
Industrial Radiologic Technology/Technician	41.0204
Industrial Safety Technology/Technician	15.0703
Industrial Technology/Technician	15.0612
Informatics	11.0104
Information Science/Studies	11.0401
Information Technology	11.0103
Information Technology Project Management	11.1005
Instrumentation Technology/Technician	15.0404
Integrated Circuit Design Technology/Technician	15.0306
Laser and Optical Technology/Technician	15.0304
Manufacturing Engineering Technology/Technician	15.0613

Materials Chemistry	40.1002
Materials Science	40.1001
Mechatronics, Robotics, and Automation Engineering Technology/Technician	15.0407
Metallurgical Technology/Technician	15.0611
Modeling, Virtual Environments and Simulation	11.0804
Nanotechnology	15.1601
Network and System Administration/Administrator	11.1001
Nuclear and Industrial Radiologic Technologies/Technicians, Other``	41.0299
Nuclear/Nuclear Power Technology/Technician	41.0205
Occupational Safety and Health Technology/Technician	15.0701
Physical Science Technologies/Technicians, Other	41.0399
Plastics and Polymer Engineering Technology/Technician	15.0607
Process Safety Technology/Technician	15.0705
Quality Control and Safety Technologies/Technicians, Other	15.0799
Quality Control Technology/Technician	15.0702
Robotics Technology/Technician	15.0405
Science Technologies/Technicians, General	41.0000
Science Technologies/Technicians, Other	41.9999
Semiconductor Manufacturing Technology/Technician	15.0616
System, Networking, and LAN/WAN Management/Manager	11.1002
Telecommunications Technology/Technician	15.0305
Web Page, Digital/Multimedia and Information Resources Design	11.0801
Web/Multimedia Management and Webmaster	11.1004
Welding Engineering Technology/Technician	15.0614

Transportation/Logistics

Program Name/Description	CIP Code
Aeronautics/Aviation/Aerospace Science and Technology General	49.0101
Agricultural and Food Products Processing	01.0401
Aircraft Powerplant Technology/Technician	47.0608
Astronautical Engineering	14.0202
Autobody/Collision and Repair Technology/Technician	47.0603
Automobile/Automotive Mechanics Technology/Technician	47.0604
Automotive Engineering Technology/Technician	15.0803
Business Administration and Management General	52.0201
Business Analytics	30.7102
City/Urban, Community, and Regional Planning	04.0301
Civil Engineering General	14.0801
Composite Materials Technology/Technician	15.0617
Construction Engineering Technology/Technician	15.1001
Diesel Mechanics Technology/Technician	47.0605
Engine Machinist	47.0615
Ground Transportation Other	49.0299
High Performance and Custom Engine Technician/Mechanic	47.0617
Hydraulics and Fluid Power Technology/Technician	15.1103
Industrial Mechanics and Maintenance Technology/Technician	47.0303
Logistics, Materials, and Supply Chain Management	52.0203
Marine Engineering Technology/Technician	15.0806
Marine Maintenance/Fitter and Ship Repair Technology/Technician	47.0616
Marine Science/Merchant Marine Officer	49.0309
Marine Transportation Other	49.0399
Maritime Law Enforcement	43.0122
Medium/Heavy Vehicle and Truck Technology/Technician	47.0613
Motorcycle Maintenance and Repair Technology/Technician	47.0611
Naval Architecture and Marine Engineering	14.2201
Packaging Science	15.1503
Parts and Warehousing Operations and Maintenance Technology/Technician	47.0409
Parts, Warehousing, and Inventory Management Operations	52.0409
Petroleum Engineering	14.2501

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Protective Services Operations	43.0120
Railroad and Railway Transportation	49.0208
Systems Engineering General	14.2701
Traffic, Customs, Transportation Clerk/Technician	52.0410
Transportation and Highway Engineering	14.0804
Transportation and Infrastructure Planning/Studies	44.0403
Transportation and Materials Moving, Other	49.9999
Transportation Law	22.0223
Transportation/Mobility/Management	52.0209
Truck and Bus Driver/Commercial Vehicle Operator and Instructor	49.0205
Vehicle and Vehicle Parts and Accessories Marketing Operations	52.1907

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