

#### UNITED STATES DEPARTMENT OF EDUCATION

#### OFFICE OF POSTSECONDARY EDUCATION

DCL ID: GEN-08-09

June 20, 2008

SUBJECT:

National SMART Grant Program - List of Eligible Majors for Academic Year

2008-2009

SUMMARY:

This letter provides the list of academic majors eligible for the National

SMART Grant Program for the 2008-2009 award year.

#### Dear Colleague:

The final regulations for the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, published on October 29, 2007, provided a mechanism for institutions of higher education to request that additional majors be designated as eligible majors for which otherwise eligible students could receive a National SMART Grant. Dear Colleague Letter (DCL) GEN-08-02, published February 6, 2008, invited institutions of higher education to submit requests for additional majors to be designated as eligible majors for the National SMART Grant Program for the 2008-2009 award year. In response to DCL GEN-08-02, institutions submitted 33 requests for additional eligible majors. The 33 requests proposed that 26 new majors be included. Two requests were for majors already on the list of eligible majors: CIP code 11.0101, Computer and Information Sciences, General and CIP code 30.1901, Nutrition Science.

Under §401A(c)(3)(C)(i) of the Higher Education Act of 1965, as amended, an otherwise eligible student must pursue a major in the physical, life, or computer sciences, mathematics, technology, or engineering or a critical foreign language to be eligible for a National SMART Grant. Because none of the requested additional majors fulfill this statutory requirement, no additional majors will be designated as eligible majors in the National SMART Grant Program for the 2008-2009 award year. Rather, the current list of eligible academic majors as published in DCL GEN-07-06 will carry over to the 2008-2009 award year. The complete list of eligible majors for award year 2008-2009 is provided as an attachment to this letter.

Thank you once again for all your support and assistance in awarding National SMART Grants to eligible students. If you have any questions regarding eligible majors, please contact Sophia McArdle at 202-219-7078 or by e-mail at <a href="mailto:sophia.mcardle@ed.gov">sophia.mcardle@ed.gov</a>.

Sincerely,

Vince Sampson

Principal Deputy Assistant Secretary Office of Postsecondary Education

Attachment

#### **National SMART Grant -- Fields of Study**

The Secretary has designated particular majors in the following fields of study as eligible for the National SMART Grant Program to the extent that a student is enrolled in a bachelor's degree or a graduate degree program that includes at least 3 academic years of undergraduate education.

Computer science: The branch of knowledge or study of computers, including such fields of knowledge or study as computer hardware, computer software, computer engineering, information systems, and robotics.

Associated NCES CIP CODES: 11.xxxx

Engineering: The science by which the properties of matter and the sources of energy in nature are made useful to humanity in structures, machines, and products, as in the construction of engines, bridges, buildings, mines, and chemical plants, including such fields of knowledge or study as aeronautical engineering, chemical engineering, civil engineering, electrical engineering, industrial engineering, materials engineering, manufacturing engineering, and mechanical engineering.

Associated NCES CIP CODES: 14.xxxx

Foreign Language: Instructional programs that focus on foreign languages and literatures, the humanistic and scientific study of linguistics, and the provision of professional interpretation and translation services.

Associated NCES CIP CODES: 16.xxxx

Life sciences: The branch of knowledge or study of living things, including such fields of knowledge or study as biology, biochemistry, biophysics, microbiology, genetics, physiology, botany, zoology, ecology, and behavioral biology, except that the term does not encompass the health professions.

Associated NCES CIP CODES: 26.xxxx; 01.xxxx

Mathematics: The branch of knowledge or study of numbers and the systematic treatment of magnitude, relationships between figures and forms, and relations between quantities expressed symbolically, including such fields of knowledge or study as statistics, applied mathematics, and operations research.

Associated NCES CIP CODES: 27.xxxx

Natural Resources and Conservation: Instructional programs that focus on the various natural resources and conservation fields and prepare individuals for related occupations.

Associated NCES CIP CODES: 03.xxxx

Physical sciences: The branch of knowledge or study of the material universe, including such fields of knowledge or study as astronomy, atmospheric sciences, chemistry, earth sciences, ocean sciences, physics, and planetary sciences.

Associated NCES CIP CODES: 40.xxxx

Psychology: Instructional programs that focus on the scientific study of the behavior of individuals, independently or collectively, and the physical and environmental bases of mental, emotional, and neurological activity.

Associated NCES CIP CODES: 42.xxxx

Technology: The application of mechanical or scientific knowledge, for example, applied science.

Related NCES CIP CODES: 41.xxxx; 29.xxxx 15.xxxx

Several Multidisciplinary Studies are also considered eligible for National SMART Grants. Associated NCES CIP CODES: 30.xxxx

NOTE: Classification under the 2-digit CIP code alone does <u>not</u> qualify a major to be a National SMART Grant-eligible major. A major must be classified by its institution with a 6-digit CIP code from the following list of 6-digit CIP codes to be considered an eligible major for the National SMART Grant Program.

# **Computer Science**

| 11.01 | Computer and    | l Information Sciences, General                               |
|-------|-----------------|---|
|       | 11.0101         | Computer and Information Sciences, General                    |
|       | 11.0102         | Artificial Intelligence and Robotics                          |
|       | 11.0103         | Information Technology  |
|       | 11.0199         | Computer and Information Sciences, Other                      |
| 11.02 | Computer Pro    | ogramming   |
|       | 11.0201         | Computer Programming/Programmer, General                      |
|       | 11.0202         | Computer Programming, Specific Applications                   |
|       | 11.0203         | Computer Programming, Vendor/Product Certification            |
|       | 11.0299         | Computer Programming, Other                                   |
| 11.03 | Data Processi   | ng  |
|       | 11.0301         | Data Processing and Data Processing Technology/Technician     |
| 11.04 | Information S   | cience/Studies  |
|       | 11.0401         | Information Science/Studies                                   |
| 11.05 | Computer Sys    | stems Analysis  |
|       | 11.0501         | Computer Systems Analysis/Analyst                             |
| 11.07 | Computer Scient | nce   |
|       | 11.0701         | Computer Science  |
| 11.08 | Computer Soft   | ware and Media Applications                                   |
|       | 11.0801         | Web Page, Digital/Multimedia and Information Resources Design |
|       | 11.0802         | Data Modeling/Warehousing and Database Administration         |
|       | 11.0803         | Computer Graphics   |
|       | 11.0899         | Computer Software and Media Applications, Other               |
| 11.09 |                 | ems Networking and Telecommunications                         |
|       | 11.0901         | Computer Systems Networking and Telecommunications            |
| 11.10 | Computer/Info   | rmation Technology Administration and Management              |
|       | 11.1001         | System Administration/Administrator                           |
|       | 11.1002         | System, Networking, and LAN/WAN Management/Manager            |
|       | 11.1003         | Computer and Information Systems Security                     |
|       | 11.1004         | Web/Multimedia Management and Webmaster                       |
|       | 11.1099         | Computer/Information Technology Services Administration and   |
|       |                 | Management, Other   |
| 11.99 |                 | Information Sciences and Support Services, Other.             |
|       | 11.9999         | Computer and Information Sciences and Support Services, Other |

# Engineering

| 14.01 Engineering, General                                     |  |  |
|--|--|--|
| 14.0101 Engineering, General                                   |  |  |
| 14.02 Aerospace, Aeronautical and Astronautical Engineering    |  |  |
| 14.0201 Aerospace, Aeronautical and Astronautical Engineering  |  |  |
| 14.03 Agricultural/Biological Engineering and Bioengineering   |  |  |
| 14.0301 Agricultural/Biological Engineering and Bioengineering |  |  |
| 14.04 Architectural Engineering                                |  |  |
| 14.0401 Architectural Engineering                              |  |  |
| 14.05 Biomedical/Medical Engineering                           |  |  |
| 14.0501 Biomedical/Medical Engineering                         |  |  |
| 14.06 Ceramic Sciences and Engineering                         |  |  |
| 14.0601 Ceramic Sciences and Engineering                       |  |  |
| 14.07 Chemical Engineering                                     |  |  |
| 14.0701 Chemical Engineering                                   |  |  |
| 14.08 Civil Engineering  |  |  |
| 14.0801 Civil Engineering, General                             |  |  |
| 14.0802 Geotechnical Engineering                               |  |  |
| 14.0803 Structural Engineering                                 |  |  |
| 14.0804 Transportation and Highway Engineering                 |  |  |
| 14.0805 Water Resources Engineering                            |  |  |
| 14.0899 Civil Engineering, Other                               |  |  |
| 14.09 Computer Engineering, General                            |  |  |
| 14.0901 Computer Engineering, General                          |  |  |
| 14.0902 Computer Hardware Engineering                          |  |  |
| 14.0903 Computer Software Engineering                          |  |  |
| 14.0999 Computer Engineering, Other                            |  |  |
| 14.10 Electrical, Electronics and Communications Engineering   |  |  |
| 14.1001 Electrical, Electronics and Communications Engineering |  |  |
| 14.11 Engineering Mechanics                                    |  |  |
| 14.1101 Engineering Mechanics                                  |  |  |
| 14.12 Engineering Physics                                      |  |  |
| 14.1201 Engineering Physics                                    |  |  |
| 14.13 Engineering Science                                      |  |  |
| 14.1301 Engineering Science                                    |  |  |
| 14.14 Environmental/Environmental Health Engineering           |  |  |
| 14.1401 Environmental/Environmental Health Engineering         |  |  |
| 14.18 Materials Engineering                                    |  |  |
| 14.1801 Materials Engineering                                  |  |  |
| 14.19 Mechanical Engineering                                   |  |  |
| 14.1901 Mechanical Engineering                                 |  |  |
| 14.20 Metallurgical Engineering                                |  |  |
| 14.2001 Metallurgical Engineering                              |  |  |
| 14.21 Mining and Mineral Engineering                           |  |  |

14.2101 Mining and Mineral Engineering

14.22 Naval Architecture and Marine Engineering

14.2201 Naval Architecture and Marine Engineering

14.23 Nuclear Engineering

14.2301 Nuclear Engineering

14.24 Ocean Engineering

14.2401 Ocean Engineering

14.25 Petroleum Engineering

14.2501 Petroleum Engineering

14.27 Systems Engineering

14.2701 Systems Engineering

14.28 Textile Sciences and Engineering

14.2801 Textile Sciences and Engineering

14.31 Materials Science

14.3101 Materials Science

14.32 Polymer/Plastics Engineering

14.3201 Polymer/Plastics Engineering

14.33 Construction Engineering

14.3301 Construction Engineering

14.34 Forest Engineering

14.3401 Forest Engineering

14.35 Industrial Engineering

14.3501 Industrial Engineering

14.36 Manufacturing Engineering

14.3601 Manufacturing Engineering

14.37 Operations Research

14.3701 Operations Research

14.38 Surveying Engineering

14.3801 Surveying Engineering

14.39 Geological/Geophysical Engineering

14.3901 Geological/Geophysical Engineering

14.99 Engineering, Other

14.9999 Engineering, Other

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# Critical Foreign Language

| 16.0201 | African Languages, Literatures, and Linguistics              |
|---------|--|
| 16.0301 | Chinese Language and Literature                              |
| 16.0302 | Japanese Language and Literature                             |
| 16.0303 | Korean Language and Literature                               |
| 16.0402 | Russian Language and Literature                              |
| 16.0701 | Hindi Language and Literature                                |
| 16.0704 | Bengali Language and Literature                              |
| 16.0705 | Panjabi Language and Literature                              |
| 16.0707 | Urdu Language and Literature                                 |
| 16.0801 | Iranian/Persian Languages, Literatures, and Linguistics      |
| 16.0904 | Portuguese Language and Literature                           |
| 16.1101 | Arabic Language and Literature                               |
| 16.1102 | Hebrew Language and Literature                               |
| 16.1402 | Bahasa Indonesian/Bahasa Malay Languages and Literatures     |
| 16.1404 | Filipino/Tagalog Language and Literature                     |
| 16.1501 | Turkish Language and Literature                              |
| 16.1599 | Turkic, Ural-Altaic, Caucasian, and Central Asian Languages, |
|         | Literatures, and Linguistics, Other                          |

### Life Sciences

| 26 DIOLOGICAL AND DIOMEDICAL SCIENCES                         |   |  |
|---|---|--|
| 26. BIOLOGICAL AND BIOMEDICAL SCIENCES 26.01 Biology, General |   |  |
| 26.0101   | Biology/Biological Sciences, General                  |  |
| 26.0101   | Biomedical Sciences, General                          |  |
|   | Biophysics and Molecular Biology                      |  |
| 26.0202   | Biochemistry  |  |
| 26.0202   | Biophysics  |  |
| 26.0204   | Molecular Biology                                     |  |
| 26.0205   | Molecular Biochemistry                                |  |
| 26.0206   | Molecular Biophysics                                  |  |
| 26.0207   | Structural Biology                                    |  |
| 26.0208   | Photobiology  |  |
| 26.0209   | Radiation Biology/Radiobiology                        |  |
| 26.0210   | Biochemistry/Biophysics and Molecular Biology         |  |
| 26.0299   | Biochemistry, Biophysics and Molecular Biology, Other |  |
| 26.03 Botany/Plant  |   |  |
| 26.0301   | Botany/Plant Biology                                  |  |
| 26.0305   | Plant Pathology/Phytopathology                        |  |
| 26.0307   | Plant Physiology                                      |  |
| 26.0308   | Plant Molecular Biology                               |  |
| 26.0399   | Botany/Plant Biology, Other                           |  |
|   | Biology and Anatomical Sciences                       |  |
| 26.0401   | Cell/Cellular Biology and Histology                   |  |
| 26.0403   | Anatomy   |  |
| 26.0404   | Developmental Biology and Embryology                  |  |
| 26.0405   | Neuroanatomy  |  |
| 26.0406   | Cell/Cellular and Molecular Biology                   |  |
| 26.0407   | Cell Biology and Anatomy                              |  |
| 26.0499   | Cell/Cellular Biology and Anatomical Sciences, Other  |  |
| 26.05 Microbiologic   | cal Sciences and Immunology                           |  |
| 26.0502   | Microbiology, General                                 |  |
| 26.0503   | Medical Microbiology and Bacteriology                 |  |
| 26.0504   | Virology  |  |
| 26.0505   | Parasitology  |  |
| 26.0506   | Mycology  |  |
| 26.0507   | Immunology  |  |
| 26.0599   | Microbiological Sciences and Immunology, Other        |  |
| 26.07 Zoology/Animal Biology                                  |   |  |
| 26.0701   | Zoology/Animal Biology                                |  |
| 26.0702   | Entomology  |  |
| 26.0707   | Animal Physiology                                     |  |
| 26.0708   | Animal Behavior and Ethology                          |  |
| 26.0709   | Wildlife Biology                                      |  |
|   |   |  |

| 26.0799             | Zoology/Animal Biology, Other                      |
|---------------------|--|
| 26.08 Genetics      |  |
| 26.0801             | Genetics, General                                  |
| 26.0802             | Molecular Genetics                                 |
| 26.0803             | Microbial and Eukaryotic Genetics                  |
| 26.0804             | Animal Genetics                                    |
| 26.0805             | Plant Genetics                                     |
| 26.0806             | Human/Medical Genetics                             |
| 26.0899             | Genetics, Other                                    |
|                     | athology and Related Sciences                      |
| 26.0901             | Physiology, General                                |
| 26.0902             | Molecular Physiology                               |
| 26.0903             | Cell Physiology                                    |
| 26.0903             | •  |
|                     | Endocrinology  Paragraphy Dislocation              |
| 26.0905             | Reproductive Biology                               |
| 26.0906             | Neurobiology and Neurophysiology                   |
| 26.0907             | Cardiovascular Science                             |
| 26.0908             | Exercise Physiology                                |
| 26.0909             | Vision Science/Physiological Optics                |
| 26.0910             | Pathology/Experimental Pathology                   |
| 26.0911             | Oncology and Cancer Biology                        |
| 26.0999             | Physiology, Pathology, and Related Sciences, Other |
| 26.10 Pharmacology  |  |
| 26.1001             | Pharmacology                                       |
| 26.1002             | Molecular Pharmacology                             |
| 26.1003             | Neuropharmacology                                  |
| 26.1004             | Toxicology   |
| 26.1005             | Molecular Toxicology                               |
| 26.1006             | Environmental Toxicology                           |
| 26.1007             | Pharmacology and Toxicology                        |
| 26.1099             | Pharmacology and Toxicology, Other                 |
| 26.11 Biomathematic |  |
| 26.1101             | Biometry/Biometrics                                |
| 26.1102             | Biostatistics                                      |
| 26.1103             | Bioinformatics                                     |
| 26.1199             | Biomathematics and Bioinformatics, Other           |
| 26.12 Biotechnology | •  |
| 26.1201             | Biotechnology                                      |
|                     |  |
| 26.1301             | ation, Systematics and Population Biology          |
|                     | Ecology Marine Biology and Biological Occasionary  |
| 26.1302             | Marine Biology and Biological Oceanography         |
| 26.1303             | Evolutionary Biology                               |
| 26.1304             | Aquatic Biology/Limnology                          |
| 26.1305             | Environmental Biology                              |
| 26.1306             | Population Biology                                 |
| 26.1307             | Conservation Biology                               |
|                     |  |

|       | 26.1308        | Systematic Biology/Biological Systematics                     |
|-------|----------------|---|
|       | 26.1309        | Epidemiology  |
| 24.00 | 26.1399        | Ecology, Evolution, Systematics and Population Biology, Other |
| 26.99 | _              | d Biomedical Sciences, Other                                  |
|       | 26.9999        | Biological and Biomedical Sciences, Other                     |
|       |                | , AGRICULTURE OPERATIONS, AND RELATED SCIENCES                |
| 01.09 | Animal Science |   |
|       | 01.0901        | Animal Sciences, General                                      |
|       | 01.0902        | Agricultural Animal Breeding                                  |
|       | 01.0903        | Animal Health   |
|       | 01.0904        | Animal Nutrition  |
|       | 01.0905        | Dairy Science   |
|       | 01.0906        | Livestock Management  |
|       | 01.0907        | Poultry Science   |
|       | 01.0999        | Animal Sciences, Other  |
| 01.10 | Food Science a | nd Technology   |
|       | 01.1001        | Food Science  |
|       | 01.1002        | Food Technology and Processing                                |
| 01.11 | Plant Sciences |   |
|       | 01.1101        | Plant Sciences, General                                       |
|       | 01.1102        | Agronomy and Crop Science                                     |
|       | 01.1103        | Horticultural Science   |
|       | 01.1104        | Agricultural and Horticultural Plant Breeding                 |
|       | 01.1105        | Plant Protection and Integrated Pest Management               |
|       | 01.1106        | Range Science and Management                                  |
|       | 01.1199        | Plant Sciences, Other   |
| 01.12 | Soil Sciences  |   |
|       | 01.1201        | Soil Science and Agronomy, General                            |
|       | 01.1202        | Soil Chemistry and Physics                                    |
|       | 01.1203        | Soil Microbiology   |
|       | 01.1299        | Soil Sciences, Other  |
| 03.   | NATIDALD       | ESOURCES AND CONSERVATION                                     |
|       |                | rces Conservation and Research                                |
| 03.01 | 03.0104        | Environmental Science   |
|       | 03.0104        | Environmental Science   |
| 03.03 | Fishing and Fi | sheries Sciences and Management.                              |
|       | 03.0301        | Fishing and Fisheries Science and Management                  |
|       |                |   |
| 03.05 | Forestry       |   |
|       | 03.0502        | Forest Science and Biology                                    |
|       | 03.0509        | Wood Science and Wood Products/Pulp and Paper Technology      |
|       |                |   |
| 03.06 |                | Vildlands Science and Management.                             |
|       | 03.0601        | Wildlife and Wildlands Science and Management                 |
|       |                |   |

- 42. PSYCHOLOGY
- 42.11 Physiological Psychology/Psychobiology
  42.1101 Physiological Psychology/Psychobiology

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### **Mathematics**

| Mathematics, General                    |  |  |
|---|--|--|
| Algebra and Number Theory               |  |  |
| Analysis and Functional Analysis        |  |  |
| Geometry/Geometric Analysis             |  |  |
| Topology and Foundations                |  |  |
| Mathematics, Other                      |  |  |
| 27.03 Applied Mathematics               |  |  |
| Applied Mathematics                     |  |  |
| Computational Mathematics               |  |  |
| Applied Mathematics, Other              |  |  |
|   |  |  |
| Statistics, General                     |  |  |
| Mathematical Statistics and Probability |  |  |
| Statistics, Other                       |  |  |
| 27.99 Mathematics and Statistics, Other |  |  |
| Mathematics and Statistics, Other       |  |  |
|   |  |  |

### **Physical Sciences**

| 40.01 Physical Sciences  |  |  |
|--|--|--|
| 40.0101  | Physical Sciences                                |  |
| 40.02 Astronomy an   | · ·  |  |
| 40.0201  | Astronomy  |  |
| 40.0201  | Astrophysics                                     |  |
| 40.0203  | Planetary Astronomy and Science                  |  |
| 40.0299  | Astronomy and Astrophysics, Other                |  |
| 40.0299 Astronomy and Astrophysics, Other 40.04 Atmospheric Sciences and Meteorology |  |  |
| 40.0401  | Atmospheric Sciences and Meteorology, General    |  |
| 40.0402  | Atmospheric Chemistry and Climatology            |  |
| 40.0403  | Atmospheric Physics and Dynamics                 |  |
| 40.0404  | Meteorology                                      |  |
| 40.0499  | Atmospheric Sciences and Meteorology, Other      |  |
| 40.05 Chemistry  |  |  |
| 40.0501  | Chemistry, General                               |  |
| 40.0502  | Analytical Chemistry                             |  |
| 40.0503  | Inorganic Chemistry                              |  |
| 40.0504  | Organic Chemistry                                |  |
| 40.0506  | Physical and Theoretical Chemistry               |  |
| 40.0507  | Polymer Chemistry                                |  |
| 40.0508  | Chemical Physics                                 |  |
| 40.0599  | Chemistry, Other                                 |  |
| 40.06 Geological and   | d Earth Sciences/Geosciences                     |  |
| 40.0601  | Geology/Earth Science, General                   |  |
| 40.0602  | Geochemistry                                     |  |
| 40.0603  | Geophysics and Seismology                        |  |
| 40.0604  | Paleontology                                     |  |
| 40.0605  | Hydrology and Water Resources Science            |  |
| 40.0606  | Geochemistry and Petrology                       |  |
| 40.0607  | Oceanography, Chemical and Physical              |  |
| 40.0699  | Geological and Earth Sciences/Geosciences, Other |  |
| 40.08 Physics  |  |  |
| 40.0801  | Physics, General                                 |  |
| 40.0802  | Atomic/Molecular Physics                         |  |
| 40.0804  | Elementary Particle Physics                      |  |
| 40.0805  | Plasma and High-Temperature Physics              |  |
| 40.0806  | Nuclear Physics                                  |  |
| 40.0807  | Optics/Optical Sciences                          |  |
| 40.0808  | Solid State and Low-Temperature Physics          |  |
| 40.0809  | Acoustics  |  |
| 40.0810  | Theoretical and Mathematical Physics             |  |
| 40.0899  | Physics, Other                                   |  |
| 40.99 Physical Sciences, Other   |  |  |

40.9999 Physical Sciences, Other

# Technology

| 15. ENGINEERIN      | IG TECHNOLOGIES/TECHNICIANS                                     |
|---------------------|---|
| 15.00 Engineering   | Technology, General   |
| 15.0000             | Engineering Technology, General                                 |
| 15.01 Architectura  | ll Engineering Technologies/Technicians                         |
| 15.0101             | Architectural Engineering Technology/Technician                 |
| 15.02 Civil Engine  | eering Technologies/Technicians                                 |
| 15.0201             | Civil Engineering Technology/Technician                         |
| 15.03 Electrical Er | ngineering Technologies/Technicians                             |
| 15.0303             | Electrical, Electronic and Communications Engineering           |
|                     | Technology/Technician   |
| 15.0304             | Laser and Optical Technology/Technician                         |
| 15.0305             | Telecommunications Technology/Technician                        |
| 15.0399             | Electrical and Electronic Engineering Technologies/Technicians, |
|                     | Other   |
|                     | anical Instrumentation and Maintenance Technologies/Technicians |
| 15.0401             | Biomedical Technology/Technician                                |
| 15.0403             | Electromechanical Technology/Electromechanical Engineering      |
| 150404              | Technology  |
| 15.0404             | Instrumentation Technology/Technician                           |
| 15.0405             | Robotics Technology/Technician                                  |
| 15.0499             | Electromechanical and Instrumentation and Maintenance           |
| 15057               | Technologies/Technicians, Other                                 |
|                     | tal Control Technologies/Technicians                            |
| 15.0503             | Energy Management and Systems Technology/Technician             |
| 15.0505             | Solar Energy Technology/Technician                              |
| 15.0506             | Water Quality and Wastewater Treatment Management and           |
|                     | Recycling Technology/Technician                                 |
| 15.0507             | Environmental Engineering Technology/Environmental              |
| 4 # 0 # 0 0         | Technology  |
| 15.0508             | Hazardous Materials Management and Waste                        |
| 4 7 0 7 0 0         | Technology/Technician   |
| 15.0599             | Environmental Control Technologies/Technicians, Other           |
|                     | oduction Technologies/Technicians                               |
| 15.0607             | Plastics Engineering Technology/Technician                      |
| 15.0611             | Metallurgical Technology/Technician                             |
| 15.0612             | Industrial Technology/Technician                                |
| 15.0613             | Manufacturing Technology/Technician                             |
| 15.0699             | Industrial Production Technologies/Technicians, Other           |
| _                   | rol and Safety Technologies/Technicians                         |
| 15.0701             | Occupational Safety and Health Technology/Technician            |
| 15.0702             | Quality Control Technology/Technician                           |
| 15.0703             | Industrial Safety Technology/Technician                         |

| 15.0704   | Hazardous Materials Information Systems Technology/Technician  |  |  |
|---|--|--|--|
| 15.0799   | Quality Control and Safety Technologies/Technicians, Other     |  |  |
| 15.08 Mechanical Engineering Related Technologies/Technicians |  |  |  |
| 15.0801   | Aeronautical/Aerospace Engineering Technology/Technician       |  |  |
| 15.0803   | Automotive Engineering Technology/Technician                   |  |  |
| 15.0805   | Mechanical Engineering/Mechanical Technology/Technician        |  |  |
| 15.0899   | Mechanical Engineering Related Technologies/Technicians, Other |  |  |
| 15.09 Mining and Po   | etroleum Technologies/Technicians                              |  |  |
| 15.0901   | Mining Technology/Technician                                   |  |  |
| 15.0903   | Petroleum Technology/Technician                                |  |  |
| 15.0999   | Mining and Petroleum Technologies/Technicians, Other           |  |  |
| 15.10 Construction 1  | Engineering Technologies                                       |  |  |
| 15.1001   | Construction Engineering Technology/Technician                 |  |  |
| 15.11 Engineering-F   | Related Technologies   |  |  |
| 15.1102   | Surveying Technology/Surveying                                 |  |  |
| 15.1103   | Hydraulics and Fluid Power Technology/Technician               |  |  |
| 15.1199   | Engineering-Related Technologies, Other                        |  |  |
| 15.12 Computer Eng  | gineering Technologies/Technicians                             |  |  |
| 15.1201   | Computer Engineering Technology/Technician                     |  |  |
| 15.1202   | Computer Technology/Computer Systems Technology                |  |  |
| 15.1203   | Computer Hardware Technology/Technician                        |  |  |
| 15.1204   | Computer Software Technology/Technician                        |  |  |
| 15.1299   | Computer Engineering Technologies/Technicians, Other           |  |  |
| 15.13 Drafting/Design   | gn Engineering Technologies/Technicians                        |  |  |
| 15.1301   | Drafting and Design Technology/Technician, General             |  |  |
| 15.1302   | CAD/CADD Drafting and/or Design Technology/Technician          |  |  |
| 15.1303   | Architectural Drafting and Architectural CAD/CADD              |  |  |
| 15.1304   | Civil Drafting and Civil Engineering CAD/CADD                  |  |  |
| 15.1305   | Electrical/Electronics Drafting and Electrical/Electronics     |  |  |
|   | CAD/CADD   |  |  |
| 15.1306   | Mechanical Drafting and Mechanical Drafting CAD/CADD           |  |  |
| 15.1399   | Drafting/Design Engineering Technologies/Technicians, Other    |  |  |
| 15.14 Nuclear Engin   | eering Technologies/Technicians                                |  |  |
| 15.1401   | Nuclear Engineering Technology/Technician                      |  |  |
| 15.15 Engineering-R   | elated Fields  |  |  |
| 15.1501   | Engineering/Industrial Management                              |  |  |
| 15.99 Engineering T   | echnologies/Technicians, Other                                 |  |  |
| 15.9999   | Engineering Technologies/Technicians, Other                    |  |  |
| 29. MILITARY TEC  | CHNOLOGIES   |  |  |
| 29.01 Military Techr  | nologies   |  |  |
| 29.0101   | Military Technologies  |  |  |
| 41. SCIENCE TECH  | NOLOGIES/TECHNICIANS   |  |  |
| 41.01 Biology Techn   | ician/Biotechnology Laboratory Technician                      |  |  |
| 41.0101   | Biology Technician/Biotechnology Laboratory Technician         |  |  |

| 41.02 Nuclear and Industrial Radiologic Technologies/Technicians |   |  |
|--|---|--|
| 41.0204  | Industrial Radiologic Technology/Technician                 |  |
| 41.0205  | Nuclear/Nuclear Power Technology/Technician                 |  |
| 41.0299  | Nuclear and Industrial Radiologic Technologies/Technicians, |  |
|  | Other   |  |
| 41.03 Physical Science Technologies/Technicians                  |   |  |
| 41.0301  | Chemical Technology/Technician                              |  |
| 41.0399  | Physical Science Technologies/Technicians, Other            |  |
| 41.99 Science Technologies/Technicians, Other                    |   |  |
| 41.9999  | Science Technologies/Technicians, Other                     |  |
|  |   |  |

#### **Multidisciplinary Studies**

30. MULTI/INTERDISCIPLINARY STUDIES

30.01 Biological and Physical Sciences

30.0101 Biologica

Biological and Physical Sciences

30.06 Systems Science and Theory

30.0601

Systems Science and Theory

30.08 Mathematics and Computer Science

30.0801

Mathematics and Computer Science

30.1501

Science, Technology and Society

30.10 Biopsychology

30.1001

Biopsychology

30.16 Accounting and Computer Science

30.1601

Accounting and Computer Science

30.18 Natural Sciences

30.1801

**Natural Sciences** 

30.19 Nutrition Sciences

30.1901

**Nutrition Sciences** 

30.24 Neuroscience

30.2401

Neuroscience

30.25 Cognitive Science

30.2501

Cognitive Science