






DESCRIPTIONS OF THE 16 CAREER CLUSTERS


Box #	Career Cluster	Description	Sample Majors	Sample Occupations
1		The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.	Actuarial Science, Athletic Training, Biological Sciences, Business (Accounting, Finance, Hospitality) Environmental Science, Environment Science & Policy, Management, Human Resource Management (General), MIS (Management Information Systems) Nutrition Science, Food, Real Estate, Economics, Applied, Environmental Studies, Exercise Science/Dietetics	Agriscience Teacher, Environmental Engineer, Farmer/ Rancher, Fish Hatchery Manager, Park Naturalist, Soil & Water Conservationist, Wildlife Biologist, Zoologist


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2		Careers in designing, planning, managing, building and maintaining the built environment.	Business (Accounting, Finance, Hospitality Management, Human Resource Management, Management (General), MIS (Management Information Systems), Real Estate, Engineering (Chemical, Civil, Electrical, Industrial, Mechanical), English, Literature-Business, Interior Design, Studio Art	Architect, Carpenter, Civil Engineer, Construction Manager, Contractor, Computer Information System, Manager/ Designer, Education and Training Director, Electrician, Mechanical Engineer, Urban Planner/ Designer, General Contractor/ Builder, Interior Designer, Safety Director


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3		Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.	Art History, Business Management(General), Communication(Advertising, Media Studies, Media Production, Public Relations), Dance, English(Creative Writing), Film(Motion Picture Arts), information Communication and Technology, Music,(BA, Sacred, Commercial, Jazz), Music Composition, Music Education, Music Performance, Music Theory, Music Therapy, Studio Art, Retail Merchandising & Product Development, Theatre(B.A. program; B.F.A. Acting; B.F.A. Music Theatre)	Actor/ Actress, Art Director, Audio-Video Designer and Engineer, Audio-Visual Systems Technician, Broadcast Field Supervisor/Technician, Cartoonist/ Animator, Chief Engineer, Commercial Artist, Computer Animator, Curator/ Gallery Manager, Director, Editor, Fashion Designer, interior Designer, Journalist, Lighting Designer, Lithographer, Musician, Singer, News Analyst, Photographer/ Painter/ Sculptor, Playwright, Professor, Reporter, Telecommunication Technician/ Specialists, Videographer, Video Technician


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4		Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.	Business (Accounting, Finance Hospitality Management, Human Resources Management, Management(General), MIS (Management Information Systems), Professional Sales, Real Estate), Graphic Design, International Affairs, English (Creative Writing for Business), Entrepreneurship, Foreign Languages (Chinese, French, French and Francophone Studies, German, Greek, Greek and Latin, Italian, Japanese, Latin, Russian, and/or Spanish), Retail Merchandising & Product Development, Statistics	Accountant, Advertising Sales, Analyst Sales, Analyst, Auditor, Business Consultant, Certified Public Accountant, Chief Executive Officer, Corporate Trainer, Entrepreneur, Facilities Manager, Financial Analyst, Finance Director, General Manager, Human Resources Manager, Investment Executive Legal Secretary, Marketing Analyst, Meeting and Convention Planner, Office Manager, Paralegal, Personnel Recruiter, Public Relations Manager, Sales Representative, Wholesale and Retail Buyer


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5		Planning, managing and providing education and training services, and related learning support services.	Audiology and speech Pathology (Communication Disorders), Classical Civilization, Communication Disorders, Early Childhood Education, Elementary Education, English Education, English Literature, Child Development (Family and Child Sciences), Foreign Languages (Chinese, French, French and Francophone Studies, German, Greek, Greek and Latin, Italian, Japanese, Latin, Russian, and/or Spanish), FSU Teach(Biology, Chemistry, Geoscience, Mathematics, & Physical Science), History, Humanities, Music Education, Psychology, Social Science Education, Social Work, Sociology, Special Education, Visual Disabilities	Administrator, Assessment Specialist, Occupation Tech Administrator, Child Care Worker, College/ University Faculty, Counselor, Curriculum Developer, Education Researcher, Elementary Teacher, High School Teacher, Middle School Teacher, Principal, Psychologists (Clinical, Development, Social), Social Worker, Speech-Language, Pathologist/ Audiologist


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6		Planning, services for financial and investment planning, banking, insurance, and business financial management.	Actuarial Science, Business(Accounting, Finance, Hospitality, Management, Human Resources, Management, Management(General), MIS(Management Information Systems), Real Estate), Engineering (Civil, Environmental, Industrial), English (Creative Writing for Business), English (Literature), English (Literature for Business), Risk Management and Insurance	Accountant, Actuary, Auditor, Commodities Representative, Controller, Credit Analyst, Debt Counselor, Economist, Financial Planner/ Analyst, Foreign Exchange Manager, Fund Raiser, Insurance Broker, Internal Auditor, Investment Advisor, Loan Officer, Non-Profit Manager, Personal Financial Advisor, Tax Examiner/ Preparer, Title Researcher and Examiner, Treasurer


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7	 Government & Public Administration	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.	Business (Accounting, Finance, Hospitality, Management, Human Resources Management, Management (General), MIS (Management Information Systems), Real Estate), Classical Civilization, Criminology/ Criminal Justice, International Affairs, Philosophy, Political Science, Psychology, Social Sciences, Social Work	Foreign Services Officer, Cryptographer, Intelligence Analyst, Lobbyist, Policy Analyst, Government Auditor, Congressional Aide, tax Examiner, Auditor/Assessor, Investigator/Examiner, Court Administrator


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8	 Health Science	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	Athletic Training, Biological Science, Biomathematics, Chemical Science, Chemistry, Communication Disorders, Computational Biology (Biology, Computer Science), Exercise Science, Dietetics, Nursing/ Nursing Accelerated, Sport Management	Acupuncturist, Athletic Trainer, Audiologist, Biomedical/Clinical Engineer, Chiropractor, Dietary Technician, Doctor, Dental Hygienist, Dentist, Medical Lab Technologist, Microbiologist, Paramedic, Pathologist, Pharmacist, Physical Therapist, Physician, Registered Nurse


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9	 Hospitality & Tourism	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.	Business (Accounting, Finance, Hospitality, Management, Human Resources Management, Management (General), MIS (Management Information Systems, Real Estate), Entrepreneurship, Foreign Languages (Chinese, French, and Francophone Studies, German, Greek, Italian, Japanese, Russian, Spanish, Golf Management, International Affairs, Marketing, Political Science, Sociology	Cruise Ship Management, Executive Chef, Food Service Manager, Golf Management, Manager, Resort Owner, Sales Professional, Event Planner, Interpreter, Travel Agent, Club Manager


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10	 Human Services	Preparing individuals for employment in career pathways that relate to families and human needs.	Audiologist and Speech Pathology (Communication Disorders), Communication Disorders, Early Childhood Education, Elementary Education, Child Development (Family and Child Sciences), Human Studies (African Studies, Asian Studies, Middle Eastern Studies, Russian and European Studies), Philosophy, Psychology, Religion, Classics & Religion, Social Work, Sociology, Special Education: Visual Disabilities	Occupation Counselor, Child Care Workers, Clergy, Director or Assistant Directors for Child Care Facilities, Marriage or Family Counselor, Massage Therapist, Mental Health Counselor, Personal Trainer, Teacher, Psychologist, Rehabilitation Counselor, School Counselors, Sociologists

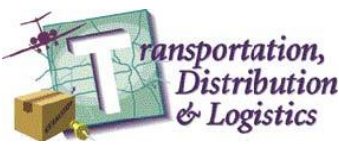
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11	 Information Technology	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.	Business (Management (General), MIS (Management Information Systems)), Computational Biology (Computer Science), Computer Criminology, Computer Science, Engineering (Computer; Electrical), Information Communication Technology, Information Technology, Statistics	Computer Programmer, Data Communications Analyst, Database Administrator, Instructional Designer, Multimedia Developer/Specialist, Network Analyst/Architect/Engineer/Manager, Online Publisher, Senior Database Administrator, Systems Engineer, Technical Writer, Web Developer/Administrator, Webmaster

Box #	Career Cluster	Description	Sample Majors	Sample Occupations
12	 Law, Public Safety, Corrections & Security	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.	Computer Criminology, Criminal Justice, Criminology, Foreign Languages (Chinese, French, German, Greek, Latin, Italian, Japanese, Italian, Spanish), History, Humanities, Philosophy, Political Science, Psychology, Religion, Women's Studies	Computer Security, Computer Forensics Examiner, Corrections Educators, Corrections Officer, Criminal Investigator, Special Agent, EMT, Emergency Management and Response Coordinator, Judge, Lawyer, Paralegal, Rescue Worker

Box #	Career Cluster	Description	Sample Majors	Sample Occupations
13	 Manufacturing	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.	Biochemistry, Business Management, Chemical Engineering, Chemical-Biomedical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Information Technology	Biomedical Equipment Technician, Computer Installer/Repairer, Engineer, Inspector, Labor Relations Manager, Manger, Supervisor, Medical Appliance Maker, Production Managers, Safety Coordinators, Welder

Box #	Career Cluster	Description	Sample Majors	Sample Occupations
14	 Marketing, Sales & Service	Planning, managing, and performing marketing activities to reach organizational objectives.	Accounting, Finance, Hospitality Management, Human Resources Management, Management Information Systems, Professional Sales, Real Estate, Communication, Advertising, Media/Communication Studies, Media Production, Public Relations, Computer Science, Foreign Languages (Chinese, French, German, Greek, Latin, Italian, Japanese, Italian, Spanish), Graphic Design, Interior Design, Marketing, Risk Management and Insurance, Studio Art, Retail Merchandising & Product Development	Account Executive, Chief Executive Officer (CEO), Entrepreneur, Interior Designers, Marketing Managers, Market Researchers, Public Relations Specialists, Sales Representative, Sales Executive, Webmaster

Box #	Career Cluster	Description	Sample Majors	Sample Occupations
15	 Science, Engineering & Information Technology	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.	Applied Mathematics, Biochemistry, Biological Science, Biomathematics, Chemistry, Environmental Chemistry, Chemical Science, Classical Archaeology, Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Environmental Science, Teacher, Mathematics, Meteorology, Physics, Astrophysics	Anthropologist, Archeologist, Civil Engineering, Chemical Engineering, Chemist, Geologist, Statistician

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16	 Transportation, Distribution & Logistics	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.	Business Management, Accounting, Finance, Hospitality, Human Resources Management, Management, Management Information Systems, Real Estate, Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Marketing	Air Traffic Controller, Consultants, Electrician, Engineer, Marketing, Manager, Pilot, Sales Manager, Shipping and Receiving Supervisor, Technician, Urban and Regional Planner

Source: Adapted from www.careerclusters.org

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