



Springfield Technical
Community College

CAREER COUNSELING

SITES TO EXPLORE FOR SPECIFIC CAREER FIELDS

Interested in a career in **Engineering or Engineering Technology, Computer Science or Physical Science**? It is estimated that around 300,000 job openings will be created between now and 2012 due to retirement of the baby boomers. A website you may find helpful in sorting out the various types of engineering careers is: www.asee.org (American Society of Engineering Education), especially the section, "Engineering, Go For It!" (www.engineering-goforit.com). The engineering field is looking for more minority engineers. Go to: www.NACME.org for more information and for details on scholarships and financial aid.

Find a rewarding career in the *manufacturing* industry. Many good jobs are going unfilled due to a lack of qualified applicants: Electronics Engineering Technician, Mechanical Draftsperson, Mechanical Engineering Technician, Nanotechnologist www.nano.gov, Robotics Technician, Chemical Technician, Electro-mechanical Technician, and Biotechnologist. Go to www.dreamitdoit.com to learn more (a project of the National Association of Manufacturers - www.NAM.org). Also look on the STCC website for descriptions of the day and evening courses/programs offered at STCC.

A great deal of information on careers in the **medical and health sciences** is provided by the National Institutes of Health Office of Science Education: <http://science.education.nih.gov>. Included is a Career Finder tool designed to help determine if a career in this field fits your interests and abilities. There are detailed descriptions of about 120 potential careers in the field (Lifeworks), interviews with persons working in a health science field along with details on their educational backgrounds, current salary, and more.....

Here's a great site for exploring many fields of interest in **health, education, engineering, technology and business**. In addition to job descriptions and latest trends in the various industries, it offers help with creating a personal work portfolio, job seeker information and has other career resource links. You can even take a brief preference assessment to see if your personality type fits with the career you are considering. Take a look at: <http://www.careermag.com/>

Interested in a career in **Aerospace**? This site has hundreds of detailed aviation and aerospace job listings with company profiles. <http://www.nationjob.com/aviation>.

For locating in-demand occupations and/or occupations that are important to **homeland security** and the **U.S. economy**, go to www.careervoyages.gov. This site provides

resources and information, extensive industry information and useful supporting resources, including career videos. *In-Demand* magazine highlights various in-demand industries looking for workers. The site also has an interest inventory, Career Compass, which helps sort occupations by dominant interest areas.

Teach for America is a national program that prepares and helps place college graduates in teaching positions – no education courses or teaching experience needed. Participants train in a 5-week summer program and start teaching in the fall. There is a 2-year commitment. Teach For America seeks applicants who have a bachelor’s degree, leadership ability and perseverance. For more information go to their website: <http://www.teachforamerica.org>

Careers in **Business**: Find a satisfying job in the business world: listings of jobs, salaries, and entry requirements for accounting, consulting, finance, management and marketing careers <http://www.careers-in-business.com>

Does **Cybersecurity** or the field of **IT (Information Technology)** interest you? Visit this website for more information on emerging careers. www.nwcet.org/programs/cyberCareers/default.asp

Actuarial Science	http://www.BeAnActuary.org http://www.soa.org
Agricultural Engineer	http://www.asabe.org/membership/beengin.html
Archaeology	www.sha.org
Audiology	www.audiology.org
Automotive Technician	http://www.natef.org
Biotechnology	www.aphis.usda.gov
Carpenters	www.necarpenters.org/training_apprenticeship.cfm
Certified Care Managers	www.naccm.net
Conservation	www.thesca.org
Dietician/Dietetic Association	www.iaacn.org www.eatright.org
Ecology	www.esa.org
Forensic Sciences	www.aafs.org
Geriatric Care Managers	www.asaging.org
Heating, Air Conditioning, Refrigeration	www.acca.org
History/historians	www.historians.org

Hotel/Restaurant Management	http://www.chrie.org
National Ski Patrol	www.nsp.org
Law	www.abanet.org/education.html
Library Science	http://www.ala.org/hrdr
Marine Science	www.marinecareers.net/index.php
Mathematics	www.ams.org/employment/careers-brochure.html
Military Careers	www.bls.gov/opub/ooq/2007/spring/art02.htm (Overview of military careers, occupational specialties, service life, pay, etc. Excellent web resources at end of article)
Orthotist and Prosthetist	www.oandp.org
Osteopathic Medicine	http://www.osteopathic.org
Peacemaking and Social Change	www.projectvano.org
Personal Trainers	www.nfpt.com www.acefitness.org www.afpafitness.com www.ideafit.com
Petroleum Engineers & Geologists	www.sealiftcommand.com
Physician Assistant	www.aapa.org
Public Relations	www.prsa.org
Realty	www.realtor.org
Science & Engineering	www.nap.edu/readingroom/books/careers/contents.html
Speech – Language – Hearing	www.amauditorysoc.org www.asha.org www.nsslha.org
Statisticians	www.amstat.org/careers
Toxicologist	http://www.toxicology.org/AI/APT/careerguide.asp
Urban & Regional Planning	www.planning.org (search under Jobs and Careers)
Veterinarian	www.avma.org

Video Game Design	<u>http://www.animationarena.com/video-game-design.html</u>
Wood Science Technology	<u>http://www.swst.org/swst_brochure.pdf</u>