



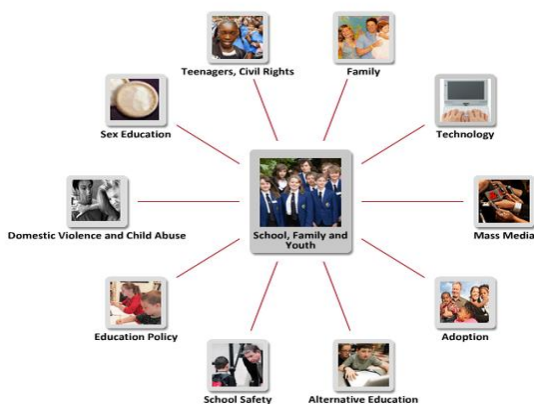
SIRS Support Career & Technical Education (CTE)

Career and Technical Education (CTE) – Policymakers and educators around the nation are wrestling with an important challenge – how to raise expectations for high school achievement, while increasing relevance and engagement in learning to keep students in school. Career and technical education (CTE) is receiving renewed attention as a strategy for increasing school engagement and rigor. The [Perkins Act](#) provides federal funding to all states and the [American Diploma Project](#) both focus on a common objective: ensuring that all American students graduate from high school with the skills and knowledge they need to be ready for **college and careers**. Also, many states, such as [FL](#) and [CA](#), are creating **Career Academies**—*schools within a school*—to make it easier for all students to integrate career preparation courses into their schedules.

SIRS Issues Researcher – The following **SIRS Leading Issues** relate the sixteen **CTE** major career cluster curriculum of most states to current, controversial issues in each of the career clusters listed below. Leading Issues helps develop knowledge, critical thinking, and problem solving skills necessary for career and educational success. The most universal listing of all career clusters is provided below along with the Leading Issues that support CTE curriculum.

Health/Medical Arts/Health and Human Services:

Health care, Health care reform, Alternative medicine, Federal regulation of prescription drugs, Medical malpractice, Patients' rights, Prescription drug advertising, Mental health, Mental depression, Eating disorders, Health insurance for eating disorders, Fad diets, Bulimia, Anorexia, Obesity, Plastic/Cosmetic surgery, Teens and cosmetic surgery, Organ donation, Human reproductive technology, Regulation of medical practices, Medical marijuana, Drug testing, Birth control, Emergency contraception, Alcoholism, Smoking, AIDS, Genetic testing, Assisted suicide, Euthanasia, Stem cells, Bioethics, Child care, Family, Work and family.



Health/Medical Arts/Health and Human Services Issues

- **Drugs, Health, and Wellness**
- **School, Family, and Youth**

Agriculture, Food & Natural Resources: Food and Nutrition, Food safety, Local food movement, Vegetarianism, Genetically modified foods, Factory farms, Conservation of natural resources, Environmentalism, Alternative energy, Renewable energy, Nuclear energy, Solar energy, Clean coal, Drilling for oil, Energy dependency, Green movement, Pollution, Recycling.

Business Management & Administration: Business ethics, Workplace discrimination, Affirmative action, Globalization, Globalization moral and ethical aspects, Fair trade, Outsourcing, International trade, Privatization, Stock markets, Underground economy, Unemployment, Minimum wage, Jobs for immigrants, Copyright infringement, Privacy in the Workplace, Property rights, Work and family, Child labor, Unemployment, Minimum wage, Taxation.

Pro/Con ISSUES and Essential Questions	
Is affirmative action necessary?	
YES	NO
Affirmative action is needed to level the playing field for women and minorities.	Affirmative action is an unnecessary and harmful practice.
Thomas Carlyle and Affirmative Action	Diversity and the Myth of White Privilege
Affirmative Action Ban Would Spell Bad News for Minorities	Pres. Obama Goes Over the Top on Affirmative Action
Affirmative Re-Action	Affirmative Re-Action

Architecture and Construction: Pollution, Alternative energy sources, Recycling, Environmentalism, Conservation of natural resources, Ozone depletion, Renewable energy, Water use, Green movement.

Arts, Audio/Video Technology & Communications: Mass media, Violence in Mass Media, Downloading, Copyright infringement, Music lyrics, Popular culture, Media bias, Advertising, Advertising and children, Advertising in schools, Tobacco advertising, Prescription drug advertising, Freedom of the press, Reporters and shield laws, First Amendment and privacy, Journalism and school censorship, Technology, Web 2.0, Filtering software, Censorship, First Amendment and censorship, Arts censorship, Banned books, Freedom of speech, Pornography

Education & Training: Alternative education, Single-sex schools/classrooms, School vouchers, Homeschooling, Education policy, Cheating, No Child Left Behind Act, Merit pay for teachers, Character education, School prayer, Educational tests and measurements, Teaching of evolution, Cell phones in school, Paying for grades, School safety, School discipline and corporal punishment, School shootings, Bullying, Zero-tolerance policies, Cyberbullying, Advertising in schools, Privacy in schools, Child care, Child abuse, Juvenile delinquency, Gangs, Title IX, Student-athlete compensation, Journalism and school censorship, Student expression and school discipline, Sex education, School uniforms, Teenagers, Civil rights, Teenagers, Suicidal behavior

Energy: Alternative energy sources, Renewable energy, Energy dependency, Solar energy, Nuclear energy, Drilling for oil, Clean Coal, Recycling, Water use, Green movement.

Financial Services: Business ethics, Mortgage and lending issues, Economic policy U.S., Federal government and economic policy, Unemployment, Campaign funds, Global financial crises, Bailout, International Monetary Fund, Stock markets, Taxation, Tax exemptions for religious organizations, International trade.

Government & Public Administration: Lobbying, Election issues, Campaign funds, Voting fraud, Church and state, Tax exemptions for religious organizations, Religion in the public sphere, Rights of non-mainstream religions, Civil rights, Affirmative action, Racial discrimination, Workplace discrimination, Women's rights, Property rights, Racial profiling, National security vs. privacy, Curfew, Voting age, Gun control, Second Amendment and right to bear arms, Welfare, Federal government and economic policy, Terrorism, Bioterrorism, Domestic terrorism, Immigration, Identity cards, War on terror,

Hospitality & Tourism: Food and nutrition, Food safety, Vegetarianism, Genetically modified food, Organic food, Obesity, Local food movement, Smoking bans, Green movement, Child labor, Globalization, Affirmative action, Workplace discrimination, Underage drinking, Business ethics

Information Technology (IT) & eCommerce: Technology, Web 2.0, Cybercrime, Children's online protection laws, Cybersocializing, Filtering software, Cyberbullying, Internet censorship, Downloading, Copyright infringement, Mass media, Media bias, Identity theft, Technology and privacy, Consumer privacy.

Law, Public Safety, Corrections & Security: Criminal justice, Discrimination in criminal justice administration, Death penalty/capital punishment, Juvenile delinquency, Treatment of prisoners, Jury system, Racial profiling, Hate crimes, Gangs, Prostitution, Ethics and criminal behavior, Drug control, U.S. war on drugs, International war on drugs, Marijuana legalization, Drug legalization, Convicted felons' rights, Human rights, Torture, Internment, Human trafficking, Human smuggling, Illegal immigration, School safety, School shootings, Gun control, Gun safety, Second amendment and right to bear arms, Drunk driving, Drug testing, Civil rights, Affirmative action, Hate crimes

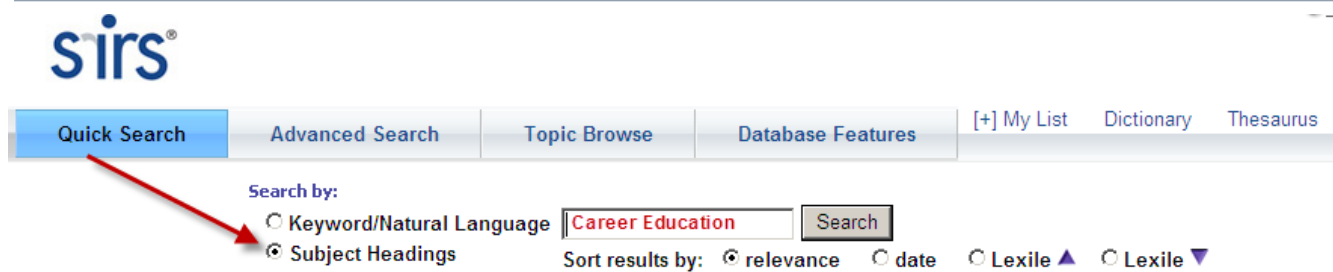
Manufacturing: Pollution, Alternative energy sources, Recycling, Environmentalism, Conservation of natural resources, Ozone depletion, Renewable energy, Water use, Green movement, Sweatshops, Globalization, Outsourcing.

Marketing: Advertising, Advertising in schools, Tobacco advertising, Prescription drug advertising, Advertising and children, Mass media, Business ethics, Web 2.0, Consumer privacy, Copyright infringement

Science, Technology, Engineering, & Mathematics: Pollution, Recycling, Renewable energy, Alternative energy sources, Environmentalism, Green movement, Biomedical technology.

Transportation, Distribution & Logistics: Globalization, Outsourcing, Business ethics, Green movement, Alternative energy sources, Renewable energy, Energy dependency, Human smuggling, International trade, Black market/underground economy

SIRS Knowledge Source (SKS) – The following list of *subject search terms* provides current and historic information that addresses the *content needs* of students enrolled in each of the following career clusters:



Career Exploration General Information: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations. (These subject searches are designed for students who have not already selected a career cluster, and are also integrated into each of the following career clusters (Sort by Date for best results.)

Agriculture, Food & Natural Resources: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Culinary Arts; Food Industry and Trade; Beverage Industry; Food, Safety Measures; Food Crops; Food Consumption; Genetically Modified Foods; Cookery; Nutrition; Agriculture, Economic Aspects; Agriculture, Automation; Conservation of Natural Resources; Livestock Factories. (*Sort by Date for most current results.*)

Architecture and Construction: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Sustainable Buildings; Architecture; Architectural Design; Architecture and Energy Conservation; Architects, Architecture, American; Architecture and Society; Architecture; Modern Infrastructure-(Economics); Roads, Maintenance and Repair; Civil Engineering; Construction Workers. (Advanced Search) -- Building AND Construction (*Sort by Date for most current results.*)

Arts, Audio/Video Technology & Communications: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Art, Modern, 20th Century; Women Authors; Motion Picture Industry; Animation (Cinematography); Animation art; Cinematography; Broadcast Journalism; Mass Media; Journalism; Motion Picture Actors and Actresses; Television Actors and Actresses; Entertainers. (*Sort by Date for most current results.*)

Business Management and Administration: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Entrepreneurship; Technological Innovations; Accounting; Financial Statements; Budget; U.S., Economic Policy; Financial Institutions; Business Ethics; Banks and Banking; International Trade; Labor Unions; Advertising; Marketing. (Advanced Search) -- Business AND Taxes (*Sort by Date for most current results.*)

Marketing: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Marketing; Selling; Merchandising, Target Marketing; Advertising; Advertising, Social Aspects; Internet Marketing; Internet Advertising; Marketing Research. (*Sort by Date for most current results.*)

Education & Training: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Occupational Training; College Preparation Programs; Effective Teaching; Early Childhood Education; Alternative Education; Distance Education; Magnet Schools; Private Schools. (*Sort by Date for most current results.*)

Energy: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Energy Consumption; Energy Development; Renewable Energy Sources; Energy Policy; Energy Industries; Coal Mines and Mining; Electric Utilities; Electric utilities, Law and legislation; Gas Industry; Nuclear Industry; Petroleum Industry and Trade; Green Technology (*Sort by Date for most current results.*)

Financial Services: (Subject Searches) -- Career Education; Vocational Education; Job Creation; Employment Forecasting; Technological Innovations; Mortgage Loans; Predatory Lending; Banks and Banking; Stock Exchanges; Wall Street; Investment Banking; Financial, Planning; Financial, Personal; Financial Security; Money; Wealth (*Sort by Date for most current results.*)

Government & Public Administration – (Subject Searches) -- Career Education; Vocational Education; Job Creation; Employment Forecasting; Technological Innovations; Civil Service; Civil Service Positions; Public Service Employment; Public Administration; Intelligence Service; Foreign Service; U.S. Federal Bureau of Investigation; Criminal Justice, Administration of; U.S. Internal Revenue Service; Administrative Agencies. (*Sort by Date for most current results.*)

Health Science: (Subject Searches) -- Career Education; Vocational Education; Job Creation; Employment Forecasting; Health Care Reform; Insurance, Health; Hospitals, Medical Staff;

Emergency Medical Technicians; Nursing; Medical Care; Physicians; Plastic Surgeons; Dentistry; Dental Technology; Mental Health Services; Therapeutics; Medical Personnel; Radiography, Medical, Digital Techniques; Medical Care; Insurance, Health; Community health services Physical Therapy; Athletic Trainers. (*Sort by Date for most current results.*)

Human Services: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Employment Forecasting; Health Care Reform; Insurance, Health; Social Workers; Courts, Officials and Employees; Mental Health Services; Caregivers; Community health services; Medical care, Public health; U.S. Dept. of Health and Human Services. (*Sort by Date for most current results.*)

Hospitality & Tourism: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Technological Innovations; Job Creation; Caterers and Catering; Chain Restaurants; Tourism; Airports, Safety Measures; Motels; Hotels; Hospitality Industry; Convention Facilities; Recreation Areas; Amusement Parks. (*Sort by Date for most current results.*)

Information Technology: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Technological Innovations; Job Creation; Internet, Social aspects; Computer security, Internet, Internet Crimes, Technology, Cyberterrorism, Internet 2; Cookies (Computer science), Data encryption (Computer science), Information Storage and Retrieval Systems, Internet; Personal Information, Internet; Security Measures; Internet and Privacy; Firewalls, Computer security. (*Sort by Date for most current results.*)

Law, Public Safety, Corrections & Security: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Technological Innovations; Job Creation; Courts, Officials and Employees; Correctional Personnel; Criminal Justice, Administration of; Administration of; Firefighters; Police; Law Enforcement; Legal Services; Lawyers. (*Sort by Date for most current results.*)

Manufacturing: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Technological Innovations; Job Creation; Automobile Industry and Trade; Automobile AND Mechanics; Manufacturing Industries; Mass Production; Assembly Line Methods; Manufacturing Processes; Quality Assurance; Labor Unions; Pollution. (*Sort by Date for most current results.*)

Science, Technology, Engineering & Mathematics: Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Engineering; Bioengineering; Biomedical Engineering, Chemical Engineering, Computer Engineering; Civil Engineering; Infrastructure; Public Works; Scientists; Biotechnology; Research Institutes; Research Parks. (*Sort by Date for most current results.*)

Transportation, Distribution & Logistics: (Subject Searches) -- Career Education; Vocational Education; Employment Forecasting; Job Creation; Technological Innovations; Transportation, Planning; Traffic Safety; Trucking; Shipping; Cargo Ships; Containerization; Railroad Companies; Airlines; Airports. (*Sort by Date for most current results.*)

For more details about [SIRS Knowledge Source](#) and [SIRS Issues Researcher](#), visit proquestk12.com.