

COLORADO COMMUNITY COLLEGE SYSTEM FACT SHEET



COLORADO COMMUNITY
COLLEGE SYSTEM

Colorado Community College System: Colorado's largest higher education system.

Dr. Nancy J. McCallin, President

CCCS STATUTORY MISSION:

- Open access – we admit anyone who wants to go to college.
- Career and Technical Education (CTE) – In 2007, approximately 8,000 CTE certificates and degrees were awarded to postsecondary students at the 13 system colleges. The total number of secondary students enrolled in high school CTE programs topped 85,000.
- Transfer to four-year colleges and universities – more than 5,000 students each year
- Basic Skills – 10% of our full-time-equivalent students. One million adults have no post secondary training in Colorado.
- Workforce Development – As of AY 2006, more than 117,000 Colorado workers have been trained through our programs. Community Colleges train more than half of the state's nurses and more than 90 percent of the first responders.

CCCS STUDENT INFORMATION:

- CCCS serves more than 107,000 students annually through 13 colleges. In addition, we train more than 11,000 workers each year through various other programs, making it the largest higher education system in the state.
- CCCS full-time-equivalent student enrollment is 43,446 in FY 2006/07. In 2007, community colleges educated 32 percent of the resident undergraduates in public institutions in Colorado.
- Community colleges serve 48 percent of all minority students in higher education in Colorado.
- 31% of our students are minorities.
- 59% of our students are female.
- 54% of our students are under 25 years old.
- 94% of our students are Colorado residents.

TUITION:

Tuition at Community Colleges is \$2,315 for a full-time student. Fees are in addition to the tuition and will vary by college.

GRADUATION AND RETENTION RATES:

Colorado's two-year institution graduation rate ranks 8th in the nation, up from a rank of 23rd in the nation two years ago.

CCCS FUNDING:

State General Fund support for community colleges went from \$3,565 per student FTE in FY 2001-02 to \$2,306 in FY 2004-05. Referendum C funding allowed this amount to increase to an estimated \$3,236 in FY 2007-08.

STATE GENERAL FUNDS (FY 2007-08)

Colorado Vocational Act	\$21,208,319*
Industry Training	2,725,022
Career & Technical Education	900,000
Fee for Service Contract	28,288,336
COF Stipend	104,020,530

OTHER REVENUE SOURCES:

Carl Perkins Grant (Federal)	17,277,531
Tuition	125,839,970
Academic Fees & Academic Facility Fees	5,618,026
TOTAL	\$284,669,415

* Note: These funds are passed on to the K-12 school districts.

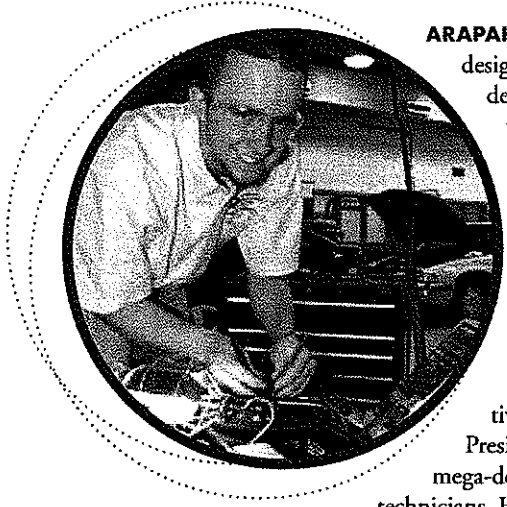
FINANCIAL AID:

- Community College Students received \$137.4 million in state and federal financial aid in FY 2006-07.
- State financial aid totaled \$21.4 million, while federal financial aid comprised \$116 million in FY 2006/07.
- Nearly half of CCCS students qualify for federal financial aid.
- Colorado Community Colleges have the highest share (37%) of the state's higher education students eligible for federal financial aid.

CCCS COLLEGES:

- ARAPAHOE COMMUNITY COLLEGE – Dr. Berton L. Glandon, *President*
- COLORADO NORTHWESTERN COMMUNITY COLLEGE – John Boyd, *President*
- COMMUNITY COLLEGE OF AURORA – Dr. Linda Bowman, *President*
- COMMUNITY COLLEGE OF DENVER – Dr. Karén Clos Bleeker, *President*
- FRONT RANGE COMMUNITY COLLEGE – Mike Kupcho, *Interim Chief Administrative Officer*
- LAMAR COMMUNITY COLLEGE – John Marrin, *President*
- MORGAN COMMUNITY COLLEGE – Dr. Kerry Hart, *President*
- NORTHEASTERN JUNIOR COLLEGE – Dr. Lance Bolton, *President*
- OTERO JUNIOR COLLEGE, Jim Rizzuto – *President*
- PUEBLO COMMUNITY COLLEGE – Dr. John Garvin, *President*
- PIKES PEAK COMMUNITY COLLEGE – Dr. Tony Kinkel, *President*
- RED ROCKS COMMUNITY COLLEGE – Dr. Michele Haney, *President*
- TRINIDAD STATE JUNIOR COLLEGE – Ruth Ann Woods, *President*

automotive technology



ARAPAHOE COMMUNITY COLLEGE Automotive Technology program has been selectively designated by General Motors, Chrysler and Nissan to be the one center that trains their dealership technicians in a multi-state region. The program mixes a technical education with academics and an apprenticeship option.

General Motors, Chrysler and Nissan have so much faith in the program they have donated a 65-vehicle/one million dollar inventory of brand new cars and trucks on which Automotive Technician students can master vehicle repair fundamentals. Tool and equipment manufacturers have also come to the plate by donating tens of thousands of dollars to the program.

To keep this program in-sync with the needs of industry, ACC periodically convenes manufacturer and industry advisory committees comprised of some of the top automotive executives in the Denver metro-area. One of those is Hank Held, Senior Vice President of the nine-location Burt Automotive Network, the nation's twelfth largest mega-dealer of vehicles. Held is concerned about the aging population of today's automotive technicians. However, he is confident about the role ACC's Automotive Technology program will play in providing new blood. Comments Held, "ACC's program squarely addresses the industry's need to fill an estimated 60,000 automotive technician positions in the US." According to program chair Jerry Viola, the demand is such that many of those who go through his program can be earning \$50,000 a year within a short time of graduating and once they achieve the "master" level the take home pay is between \$80,000 and \$100,000.

Arapahoe Community College Automotive Technology student Jared Schuster gets hands-on experience working on a late model GM vehicle.

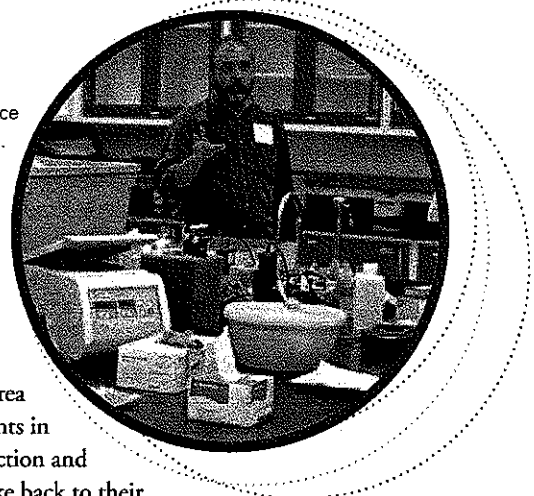
bioscience

In 2007, the **COMMUNITY COLLEGE OF AURORA** collaborated with the Colorado Bioscience Association to launch the Bioscience Institute. The institute aims to provide educational relevance to high-school students while cultivating an up and coming workforce for the bioscience industry. Last year, CCA received a JumpStart grant from the Denver Metro WIRED Initiative. With those grant dollars, CCA is reaching thousands of high school students in the Denver metro area by providing training, materials and equipment for hands-on bioscience experiments in high school labs. Specifically, CCA is "teaching the teachers" how to deliver instruction and conduct a series of molecular biology and DNA experiments with kits they can take back to their respective high schools.

Describing the Institute, CCA chemistry faculty-member and project administrator Martha Jackson-Carter said, "Imagine 100 leaders from education, industry, and workforce/economic development all focused on access to hands-on, state of the art experiences for high school students in the Denver-Metro area."

"We have the real deal here," Project Director Dr. Todd Bergren added. "We have very expensive equipment in these labs and students know this is exactly what they'll find in the workplace. They also know that we think enough of them to provide them with the best, which I think helps them do even better."

The components of a Bioscience instructional kit are displayed.



signature programs

learning success services

COMMUNITY COLLEGE OF DENVER'S Learning Success Services (LSS) seeks to create independent and confident learners by providing tutoring and interactive software experiences. Acknowledging that students have a variety of different learning styles, LSS provides multiple modes support in its labs including: modeling, mentoring, guiding, collaborating, reading, discussing, writing and providing examples. The labs, tutors and staff of LSS aim to create a comfortable learning environment that enables students to master content as well as learn about themselves as learners. Additionally, LSS provides access to and support for students to incorporate cutting-edge technology into their learning processes.

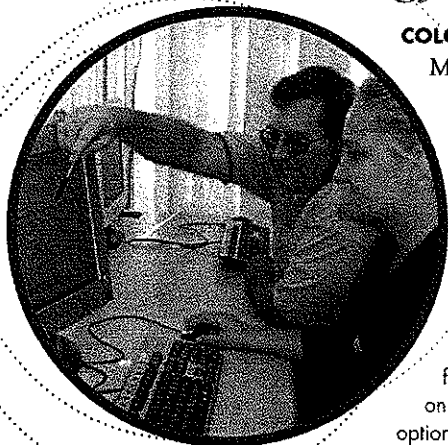
Learning Success tutor Phil Kim demonstrates "Guiding" tutorial methods while working with a CCD student in the lab.



energy & facilities management

COLORADO NORTHWESTERN COMMUNITY COLLEGE'S two-year Energy & Facilities Management Technology Degree Program, designed in partnership with Chevron Energy Solutions, will train graduates in basic and sustainable energy systems for immediate employment as facility energy auditors, renewable energy system integrators, and energy resource conservation managers for business, industry, and local/state/federal government. This program is designed to provide a workforce proficient in the skills necessary to implement the energy initiatives of state policy makers for reduction in power consumption. Besides immediately starting a career, graduates may transfer their credits to complete baccalaureate programs such as a Bachelor of Applied Science in Energy Management degree.

Colorado Northwestern Community College student Courtney Ryan receives a demonstration from Energy & Facilities Management and Civil Engineering Technology instructor, Allen Vaught, on computer-aided design (CAD) software, which will produce the designs of energy solution options for buildings and structures.



veterinary technology

According to the U.S. Department of Labor, our nation's demand for Veterinary Technicians will increase 41 percent by the year 2014.* Veterinary Technology is a signature program of **FRONT RANGE COMMUNITY COLLEGE**. It is fully accredited by the American Veterinary Medical Association. This program provides training in veterinary health (including small and large animal nursing, first aid, routine, surgical and emergency care) and the handling of a variety of domestic and exotic animals, as well as laboratory animals encountered in a veterinary practice or biomedical research setting.

Front Range Community College Veterinary Technology Student Kelly Schowengerdt receives hands-on experience using a powerful veterinary microscope.



*Growth figures represent a ten-year period ending 2014. Source: "National Industry-Occupation Employment Matrix," a publication of the U.S. Bureau of Labor Statistics.

horse training & management

Lamar Community College students gain practical experience as they prepare for careers in horse training and management.



LAMAR COMMUNITY COLLEGE'S Horse Training and Management Program prepares students for lucrative employment opportunities that include working as a professional horse trainer or as a manager of a horse training operation. Transfer students can work towards a career in animal health, management or finance. Career placement of students is a major focus of the College and the program's 105 industry partners. Degree options include: Horse Training and Management (HTM); Horsemanship/Equine Business Management (HEBM); and Equine Science. Certificates cultivate competencies in Advanced Horsemanship; Stable Management and Starting Colts. Although students improve their horsemanship skills, more emphasis is placed on the business management aspect of the equine industry. Students sharpen their business knowledge and skill then complete their degrees with an internship with a business partner of their choice. For students looking to continue the education, LCC's Associate of General Studies – Ag Transfer degree in Equine Science degree is readily transferable and the College has a transfer agreement with the Equine Science Department at Colorado State University that its AAS degree students in Horse Training and Management and Equine Business Management can use.

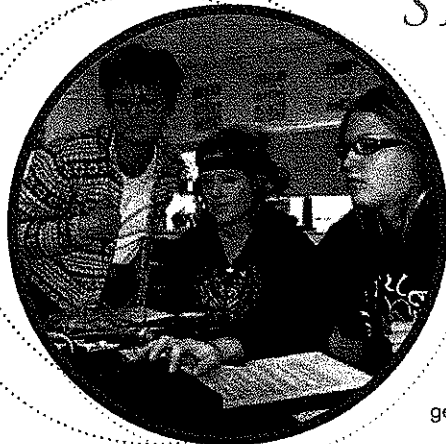
physical therapist assistant

The U.S. Department of Labor currently projects employment opportunities for Physical Therapist Assistants to increase much faster than average. **MORGAN COMMUNITY COLLEGE** has responded to this demand and in the process their Physical Therapist Assistant offering has been designated a "Program of Excellence" by the Colorado Department of Higher Education. The PTA program prepares graduates as entry level physical therapist assistants who are providers of health care services under the supervision of a physical therapist. The curriculum combines academic and specialized occupational classes with a strong emphasis on clinical experiences. As part of their program, students spend time in hospitals, nursing homes, rehabilitation centers, home health programs, or private practice offices to gain understanding and practice in the physical therapist assistant profession. Ninety-five percent of our graduates are employed in physical therapy or related field within nine months of graduation. Current starting wages range from \$15-\$24 per hour in the region.



Michael Garza, a Morgan Community College Physical Therapist Assistant student gets hands-on practice with a real patient.

STEM programs



Colorado's Community Colleges are actively collaborating with industry leaders and other education providers to address the nation's impending shortage of Science, Technology, Engineering and Math (STEM) professionals. By growing STEM programs, we help ensure that Colorado will be able to compete in the global marketplace. The Science Department at **NORTHEASTERN JUNIOR COLLEGE** offers a wide range of courses in the natural sciences for degree completion, transfer to four-year institutions and personal interest. Whether students dream of becoming a scientist, engineer, or health professional, or need to complete a degree requirement in another field of study, they'll find the right course to unlock the wonder and excitement of science and a good career.

Two "traditional-aged" Northeastern Junior College students get personalized attention as they learn difficult scientific concepts.

signature programs



cosmetology

Cosmetology Instructor Lynette Reeves guides student Kevin Rivera as he gets hands-on experience with real clients at Otero Junior College's Cosmetology Career Academy.

The Colorado Department of Labor projects an eight percent increase in the career market for Cosmetologists over the next five years. The Cosmetology Career Academy at **OTERO JUNIOR COLLEGE** offers theory and practical instruction designed to prepare a student for employment as a licensed cosmetologist. For example, hair design students are guided through the basic design elements of form, texture and color. The Academy offers many specialty career opportunities for both men and women. OJC offers four certificates: Hair Stylist; Nail Technician; Esthetician and Full Cosmetologist. Graduates are prepared to enter a variety of specialties including: hair design, hair color technician, wig specialist, skin care expert, make-up artist, nail technician, salon manager/owner, sales representative, research assistant and trade technician.

Pueblo Community College Radiologic Technology student Terry Kelm receives hands-on experience x-raying a patient.

radiologic technology

According to the U.S. Bureau of Labor Statistics, the employment growth for Radiologic Technologists is growing faster than average and job opportunities will continue to be favorable. **PUEBLO COMMUNITY COLLEGE'S** Associate of Applied Science in Radiologic Technology prepares students to work as a critical member of today's health care team. Students are taught important critical thinking/problem solving techniques as well as interpersonal and communication skills that allow them to interact effectively with other health care team members, patients, and families from a variety of professional, social, emotional, cultural, and intellectual backgrounds. Students are also provided the skills they need to work with highly complex medical imaging equipment, analyze acquired images for quality, assess patient condition and apply appropriate techniques of patient care and education and achieve the highest degree of clinical competency. The program focuses on developing their intellectual abilities as well as the judgment they need to demonstrate a professional attitude and demeanor, display the highest moral and ethical standards, and foster the safety for themselves and their patients.



According to the Department of Labor, registered nurses constitute the largest health care occupation, with 2.5 million jobs. About 59 percent of jobs are in hospitals. Registered nurses are projected to generate about 587,000 new jobs by 2016, one of the largest numbers among all occupations. Overall job opportunities are expected to be excellent. Associate Degree Nursing (ADN) programs are a vital part of many of our institutions including **PIKES PEAK COMMUNITY COLLEGE**. These programs provide both a general education in the liberal arts and sciences and nursing. Students participate in clinical laboratory experiences in selected community hospitals and allied health agencies. Graduates of the program are eligible to take the NCLEX-RN examination or they may pursue a bachelor's degree in nursing at a university. Successful completion of the NCLEX-RN examination awards students the status of Registered Nurse.

A simulated patient helps a Pikes Peak Community College student learn how to respond to uncommon medical scenarios.

nursing programs

RRCC student Marc Oddo gets hands-on experience while pursuing his Process Technology degree at his internship with the National Renewable Energy Laboratory.

process technician

RED ROCKS COMMUNITY COLLEGE has responded to a regional and global demand to expand the available Process Technician workforce. A Process Technician monitors, manipulates and controls mechanical, physical and/or chemical changes throughout many processes to produce a final product made from raw materials. Such technicians also operate, control, monitor, evaluate and troubleshoot industrial process equipment. Process Technicians serve many sectors including: Chemical Manufacturing, Oil Refining, Gas Extraction, Carbonated Beverage Production, Pharmaceutical Manufacturing, Semi Conductor Manufacturing, Electric Power Generation and Alternative Energy Production and Water Treatment and Reclamation. In 2004, in response to a looming global labor shortage for Process Technicians, RRCC helped form the Rockies Alliance for Process Technology (RAPT). This association of education providers, business and industry partners, and government and community groups has successfully come together to develop a comprehensive process technology education program that is expanding the pool of qualified Process Technicians. RRCC's corporate partners in the Rockies Alliance include both regional and national based industry leaders including: Arizona Public Service, BP America, EnCana Oil and Gas (USA) Inc., Molson Coors Brewing Company, Shell Exploration and Production, Suncor Energy USA, Williams Exploration and Production, and Xcel Energy. Besides immediately starting a career, graduates may transfer their credits to complete baccalaureate programs such as DeVry University's Bachelor of Applied Science in Technical Management degree.

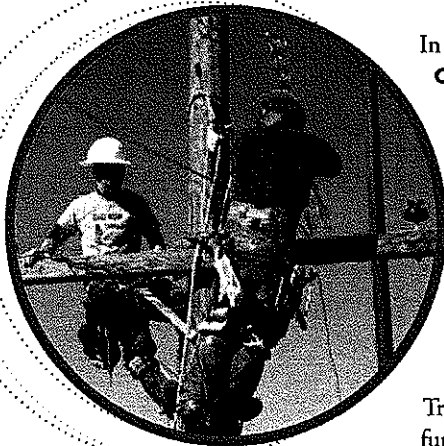


line technician

In response to a strong demand for qualified line technicians, **TRINIDAD STATE JUNIOR COLLEGE**, in cooperation with San Isabel Electric Association and Tri-State Generation and Transmission Association launched the Southern Colorado Line Technician Program in Fall 2007.

According to the U.S. Department of Labor, training of line installers, repairers, technicians, and erectors is critical. Approximately 40 percent of the current workforce are expected to retire in the next five years, which will leave a vacancy of about 11,300 jobs nationwide. With the expanded network of electrical power lines delivering electricity to an ever-increasing customer base, it is critical that training opportunities be available.

Trinidad State Junior College has partnered with San Isabel Electric Association, with funding from the Tri-State Generation and Transmission Association, to provide these needed training opportunities. A curriculum designed to provide theoretical and hands-on training has been created. Line installers and repairers held about 251,000 jobs in 2004 and the job outlook for new workers in this field is expected to grow—particularly for electrical powerline installers. Many companies are expected to expand their hiring in anticipation of increased retirements.



TSJC students Brice Bender and Richard Gallegos get hands-on experience building a power line.