

ACC Castle Rock Collaboration Campus

THE PATH TO A COLLEGE DEGREE IS CLOSE TO HOME.

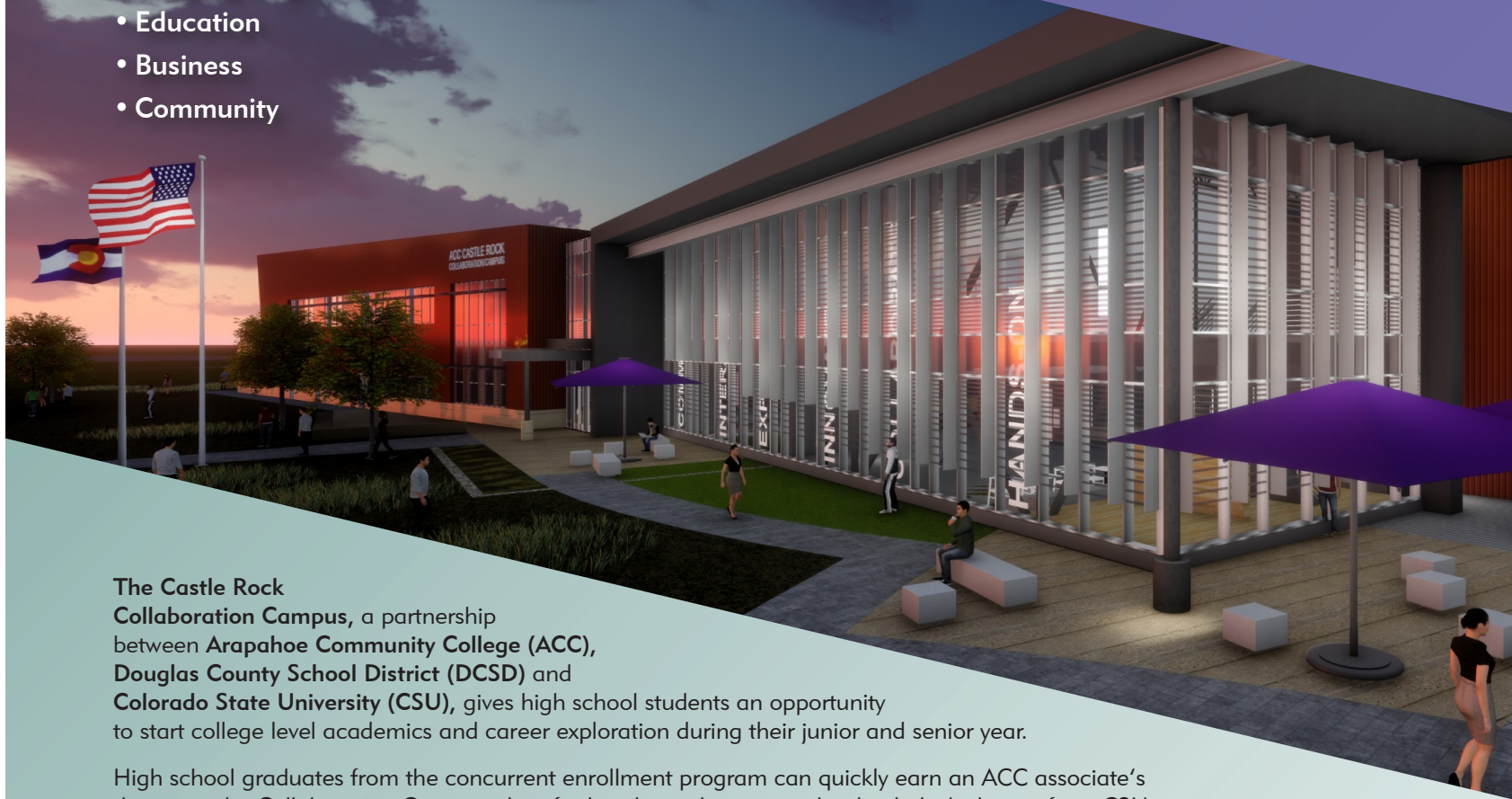
Overview

**ACC Castle Rock
Collaboration Campus
bringing together:**

- Education
- Business
- Community

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The Castle Rock Collaboration Campus, a partnership between Arapahoe Community College (ACC), Douglas County School District (DCSD) and Colorado State University (CSU), gives high school students an opportunity to start college level academics and career exploration during their junior and senior year.

High school graduates from the concurrent enrollment program can quickly earn an ACC associate's degree at the Collaboration Campus, then further their education with a bachelor's degree from CSU without ever leaving Douglas County...all with robust opportunities for job shadowing, internships and apprenticeships.

Cost Savings: Students following ACC's guided pathways can save an average of \$42,000 while earning a bachelor's degree from a Colorado university. In total, Douglas County students have already saved over \$1.8 million on college education.

Arapahoe/Douglas Works! Workforce Center, also located at the Collaboration Campus, will serve as a resource to connect students and businesses.



BUSINESS



HEALTH



TECHNOLOGY

We know you have Questions

- **How does concurrent enrollment at ACC compare to other college credit programs?**

AP (Advanced Placement) and IB (International Baccalaureate) programs require an exit exam or post course test. Students must receive a specific score to receive college credit. With ACC's concurrent enrollment program, students will earn credit immediately with successful completion of a course.

- **How long will it take to complete a course?**

AP and IB courses are year-long. ACC's concurrent enrollment courses are one semester.

- **Will concurrent enrollment courses transfer to other colleges other than ACC?**

Students will earn credit at all Colorado Community Colleges. If transferring credits directly to a 4-year college, it's best to check with that college to be sure they will accept the credits.

- **What if I start taking one of these classes and I want to drop it? Can I do that?**

Yes. The class must be dropped by the semester deadlines. A class taken at a high school can be dropped by completing a form and with approval from a teacher or high school counselor. A class taken on an ACC campus or online must be dropped by the deadlines posted on the ACC website.

- **Are there prerequisites to take a concurrent enrollment class?**

Yes. Prerequisites may be met by submitting ACT/SAT scores, demonstrating success in certain high school math and English courses, and/or by taking a college placement test at our ACC campus.

- **What resources are available to help students?**

Concurrent enrollment students are ACC students and can utilize all of the services available from ACC's Success Center, including peer mentoring and tutoring, writing support, math support, workshops, online tutoring, counseling, career exploration and advising. We are focused on your success.

- **How much do these college classes cost?**

- Most concurrent enrollment students take classes at their high school and there is no cost to students for these classes.
- Some courses may require the purchase of a textbook.
- If a student takes a class on an ACC campus or through ACC online, we will charge tuition and fees per credit hour.
- Cost per credit hour for the 2018–2019 academic year — \$184.85 on campus, \$286.80 online

- **If the College Opportunity Fund (COF) is paying for this, will it run out when I attend a 4 year in state college after graduation?**

The College Opportunity Fund (funded by the State of Colorado) provides a portion of tuition for the first 145 credits earned towards a bachelor's degree. Most bachelor's degrees require 120 credits. If you do not apply for COF, ACC will bill the student or their parent for the portion that would have been paid by COF. For the 2018-2019 academic year, COF pays \$85/credit hour. The payment is set annually by the Colorado General Assembly.

- **If I take concurrent enrollment classes, will I be attending classes with older people?**

Most concurrent enrollment classes are taken at a student's high school with their high school classmates. Classes taken on an ACC campus will be with ACC students that range in age from 16–60.



Business Pathway

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Students completing the Associate of Arts in Business Administration are guaranteed a junior standing at Colorado universities with no more than 60 remaining credits to meet the graduation requirements for the baccalaureate degree in Business Administration with many emphasis areas, including Accounting, Finance, Financial Management, Human Resources Management, Information Systems, International Business, Management, or Marketing.

Majors aligned with these careers offered at the Collaboration Campus

- Associate of Arts Business Transfer Degree
- Accounting Clerk Certificate

Do you like...

- Evaluating finances, market research, product development
- Creating reports, communicating ideas
- Being the leader of a group
- Running a business
- Selling products or ideas to people
- Being creative and analytical

Do you want to be...

- Accountant
- Bookkeeper
- Operations Manager
- Human Resources Manager
- Market Research Analyst
- Financial Manager
- Financial Analyst



Business Pathway

WAGE AND EMPLOYMENT TRENDS — COLORADO STATISTICS

Profession	Annual Median Wages (2017)	Projected Annual Job Openings
Accountant	\$70,300	4,510
Bookkeeping & Auditing Clerk	\$39,970	3,300
Financial Manager	\$142,780	620
Financial Analyst	\$84,650	420
Marketing Manager	\$152,650	360
Market Research Analyst & Marketing Specialist	\$64,740	2,240

ASSOCIATE OF ARTS BUSINESS TRANSFER MAJOR

Core Courses	General Education Courses
Introduction to Business	College 101: The Student Experience
Business Statistics	College Algebra
Business Communication & Report Writing	English Composition I
Principles of Microeconomics	English Composition II
Principles of Macroeconomics	Public Speaking
Accounting Principles I	Arts & Humanities
Accounting Principles II	Arts & Humanities
Legal Environment of Business	History
	Natural Science with Lab
	Natural Science with Lab

ACCOUNTING CLERK CERTIFICATE

Courses
Accounting Principles I
Payroll Accounting
Introduction to Business
PC Spreadsheet Concepts
Marketing Your Image



Health Pathway

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Healthcare continues to be one of the largest leading professions in the country. ACC's Health Pathway can help you obtain a degree within the medical field or advance your experience through a wide array of certifications. We offer several learning tracks, taught by industry experts, to prepare you for a healthcare career.

Health Promotion Concentration — Prepares students for numerous careers in the field of health promotion and wellness. Students completing this program select careers in corporate wellness, health clubs, and hospital, university, military, and insurance health promotion settings.

Sports Medicine Concentration — Primarily for students interested in pursuing careers in physical therapy, the medical profession, or who plan on continuing their education through graduate study in exercise physiology.

Physical Therapist Assistant (PTA) — PTAs are health care providers working under the direction of a Physical Therapist and involved in the treatment of individuals with muscular, skeletal, cardiopulmonary and nervous system disorders.

Nurse Aide Program — Prepares students for employment as a nurse aide in hospital, home-care, skilled care and hospice facilities.

Do you like...

- Diagnosing health problems
- Responding quickly and calmly in emergencies
- Following guidelines and being accurate
- Making informed and logical decisions
- Using scientific rules/methods to solve problems

Do you want to be...

- | | |
|--------------------------------|----------------------|
| • Registered Nurse | • Athletic Trainer |
| • Doctor | • Physical Therapist |
| • Physical Therapist Assistant | • Nurse Aide |

Majors aligned with these careers offered at the Collaboration Campus

- A.A. General with Health & Exercise Science (Health Promotion) Concentration
- A.S. General with Health & Exercise Science (Sports Medicine) Concentration
- Certified Nurse Aide
- Pre-nursing Prerequisites
- Physical Therapy Assistant Prerequisites & General Education Courses



Health Pathway

WAGE AND EMPLOYMENT TRENDS — COLORADO STATISTICS

Profession	Annual Median Wages (2017)	Projected Annual Job Openings
Athletic Trainer	Nurse Aide	40
Fitness Trainer	\$43,790	1,750
Licensed Practical Nurse	\$50,040	450
Registered Nurse	\$71,280	4,720
Physical Therapist Assistant	\$54,290	210
Physical Therapist	\$77,990	490
Nurse Aide	\$31,090	3,300

A.A. GENERAL WITH HEALTH & EXERCISE SCIENCE (SPORTS MEDICINE) CONCENTRATION

Core Courses	General Education Courses
General College Biology w/ Lab	English Composition I
Human Anatomy & Physiology I w/ Lab	English Composition II
Human Anatomy & Physiology II w/ Lab	College Algebra
General College Chemistry I	Public Speaking
General College Chemistry II	International Relations
Human Nutrition	History
Health and Fitness	College 101: The Student Experience
General Psychology I	Arts & Humanities
	Arts & Humanities
	Introduction to Statistics

A.A. GENERAL WITH HEALTH & EXERCISE SCIENCE (HEALTH PROMOTION) CONCENTRATION

Core Courses	General Education Courses
General College Biology w/ Lab	English Composition I
Human Anatomy & Physiology I w/ Lab	English Composition II
Human Anatomy & Physiology II w/ Lab	College Algebra
General College Chemistry I	Public Speaking
Human Nutrition	International Relations
Health and Fitness	History
General Psychology I	College 101: The Student Experience
Social Psychology	Arts & Humanities
	Arts & Humanities
	Introduction to Statistics

PRE-NURSING PREREQUISITE COURSES

Human Nutrition
General College Biology with Lab
Human Anatomy and Physiology I w/ Lab
General Psychology I
Human Growth and Development
College 101: The Student Experience
English Composition I
Nurse Aide Certificate

PTA PREREQUISITES & GE COURSES

Biology: A Human Approach
General Psychology I
Human Growth and Development
English Composition I
College 101: The Student Experience
Public Speaking

NURSE AIDE CERTIFICATE COURSES

Nurse Aide Health Care Skills
Nurse Aide Clinical Experience
Advanced Nurse Aide Clinical



Technology Pathway

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```
$result = mysql::fetch($result);  
  
while($day = mysql::fetch($result)) {  
    $tmp_studio_list = array();  
    $shots_result = mysql::query("SELECT DISTINCT(studio) as studio FROM shots WHERE shot_date = '$day'");  
    while($studio_list = mysql::fetch($shots_result)) {  
        $day_info = meta_data($day_info, $studio_list->studio, $day);  
        $tmp_studio_list[] = $studio_list->studio;  
    }  
    $day->studio_list = $tmp_studio_list;  
    $return[$day->shot_date] = $day;  
}  
  
return $return;  
  
function meta_data($day_info, $studio) {  
    if (!isset($day_info[$studio])) {  
        $day_info[$studio] = array();  
    }  
    $day_info[$studio] = $day_info[$studio] + 1;  
    return $day_info;  
}  
  
if (!isset($day_info[$studio])) {  
    die("error studio");  
}  
  
if (!isset($day_info[$studio])) {  
    die('date not found');  
}
```

ACC's Cybersecurity program prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. The program includes instruction in programming, systems analysis, networking, cryptography, security system design, applicable law and regulations, risk assessment and policy analysis, contingency planning, user access issues, investigation techniques, and troubleshooting. Upon successful completion of the program, students will have the needed background to prepare to take a number of industry certifications in the field of cybersecurity, including but not limited to, CompTIA Network+, CompTIA Security+, CompTIA Linux+, MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate), and CompTIA Advanced Security Practitioner (CASP).

A secure software developer develops security software and integrates security into applications software during the course of design and development.

Majors aligned with these careers offered at the Collaboration Campus

- A.S. General with Computer Science Concentration Transfer
- A.A.S. Cybersecurity (ACC/CSU Pathway) Transfer
- A.A.S. Cybersecurity (ACC Pathway)
- A.A.S. Secure Software Transfer

Do you like...

- Solving complex and logical problems
- Reading technical materials to find solutions
- Working with your hands

Do you want to be...

- Network Administrator
- Computer Programmer
- Computer Network Architect
- Computer Information Systems Manager
- Computer Network Support Specialist
- Information Security Analyst
- Computer Systems Analyst
- Software Developer, Systems Software
- Software Quality Assurance Engineer/Tester



Technology Pathway

WAGE AND EMPLOYMENT TRENDS - COLORADO STATISTICS

Profession	Annual Median Wages (2017)	Projected Annual Job Openings
Network Administrator	\$81,690	960
Computer Programmer	\$93,790	190
Computer Network Architect	\$110,380	340
Computer Information Systems Manager	\$152,160	740
Computer Network Support Specialist	\$66,320	340
Information Security Analyst	\$98,470	240
Computer Systems Analyst	\$91,960	990
Software Developer, Systems Software	\$115,110	1,430
Software Quality Assurance Engineer/Tester	\$97,230	1,050

A.S. GENERAL WITH COMPUTER SCIENCE CONCENTRATION TRANSFER

Core Courses	Gen Ed Courses
Computer Programming I: Java	Calculus I
Computer Programming II: Java	Calculus II
Computer Architecture/Assembly Language Programming	English composition
Discrete Structures	English composition II
Physics: Calculus-Based I w/Lab	International Relations
Physics: Calculus-Based II w/Lab	Arts & Humanities
General College Chemistry I	Arts & Humanities
	History
	Public Speaking
	General Psychology
	College 101: The Student Experience

A.A.S. CYBERSECURITY (ACC PATHWAY):

Core Courses	Gen Ed Courses
Networking I: Network+	English Composition I
Networking II: Network+	College Algebra
Network Security Fundamentals	Business Statistics
Introduction to Programming	Business Communication & Report Writing
Fundamentals of UNIX	Arts & Humanities
UNIX Shell Programming	Basic Workplace Skills
UNIX/LINUX Server Admin	College 101: The Student Experience
Firewalls and How They Work	Department-approved elective
Vulnerability Assessment	
Configuring Windows Server	
Enterprise Security	
Digital Forensics	
Cooperative Education	

A.A.S. CYBERSECURITY (ACC/CSU PATHWAY) TRANSFER:

Core Courses	Gen Ed Courses
Networking I: Network+	English Composition I
Networking II: Network+	College Algebra
Network Security Fundamentals	Business Statistics
Introduction to Programming	Business Communication and Report Writing
Computer Science I: Java	Arts & Humanities
UNIX Operating System (CSU)	Basic Workplace Skills
UNIX/LINUX Server Admin	College 101: The Student Experience
Firewalls and How They Work	
Vulnerability Assessment	
Network Systems Administration (CSU)	
Enterprise Security	
Computer Forensics (CSU)	
The Management of IT Security Risk (CSU)	
Cooperative Education	

A.A.S. SECURE SOFTWARE DEVELOPMENT TRANSFER

Core Courses	Gen Ed Courses
Networking Fundamentals	English composition I
Introduction to Programming	English Composition II
Computer Programming I: Java	College Algebra
Computer Programming II: Java	Principles of Macroeconomics
Fundamentals of UNIX	Principles of Microeconomics
Introduction to Secure Coding	College 101: The Student Experience
Computer Architecture/Assembly Language Programming	Public Speaking
Introduction to SQL	Business Statistics
Systems Analysis and Design	Introduction to Sociology I
Database Design and Development	
Secure Software Coding	