STURM COLLABORATION CAMPUS
2021 ANNUAL REPORT

STURM COLLABORATION CAMPUS
ARAPAHOE COMMUNITY COLLEGE CASTLE ROCK

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YEAR IN REVIEW

As we approach the second anniversary of the opening of Sturm Collaboration Campus, we know that our close collaboration and partnerships with Douglas County High Schools, Colorado State University, the Arapahoe/Douglas Workforce Center, the surrounding community, and regional industry gave us the foundation for success during the COVID-19 crisis. As mentioned in our July, 2020 r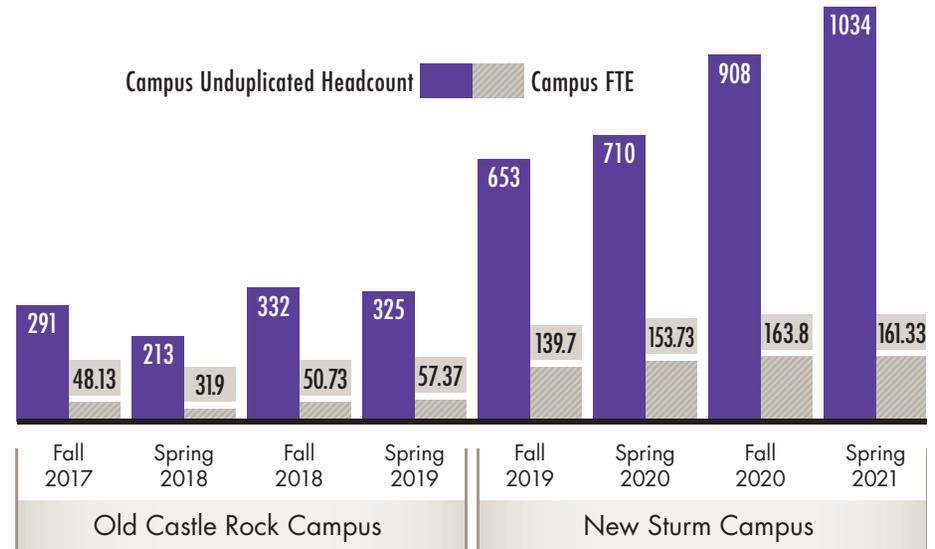eport, the campus team intentionally created a mix of virtual synchronous, remote asynchronous, and hybrid-in person course sections in order to provide a diversified menu of options for students while keeping the safety and security of students, staff, faculty, and community at the forefront of the planning efforts. These efforts proved to be invaluable as the weeks became months, and months to over a year.

In what was the most unprecedented year, the ACC Sturm Collaboration Campus continued to see enrollment growth unlike many of Colorado's other community colleges who continue to see enrollment decline. We are confident that the work of our strategic enrollment planning for the Sturm Collaboration Campus headed up by our Navigators and supported by the ACC Sturm Collaboration Campus team are directly related to that success.

ACC Sturm Collaboration (Castle Rock) Campus Enrollment by Academic Term

| | Campus Unduplicated Headcount | | Campus FTE |

Term	Headcount	FTE
Fall 2017	291	48.13
Spring 2018	213	31.9
Fall 2018	332	50.73
Spring 2019	325	57.37
Fall 2019	653	139.7
Spring 2020	710	153.73
Fall 2020	908	163.8
Spring 2021	1034	161.33

Old Castle Rock Campus: Fall 2017 – Spring 2019
New Sturm Campus: Fall 2019 – Spring 2021

Through the utilization of ACC's student success platform, Navigate, we can see that ACC Sturm Navigators had 4,269 student appointments totaling over 3,500 hours of individual student meetings this past academic year. The holistic approach between navigators and the Navigate tool, provides students with ongoing robust and proactive advising support. We seamlessly provided virtual appointments for the thousands of students we served during the height of the pandemic.

Although we were unable to formally celebrate the first anniversary of the opening of the Sturm Collaboration Campus in August 2020 due to COVID, we remain confident in our continued work and leadership in reframing the way industry and education partner to meet industry needs and student demand and ultimately our vision to reform the talent pipeline ecosystem.
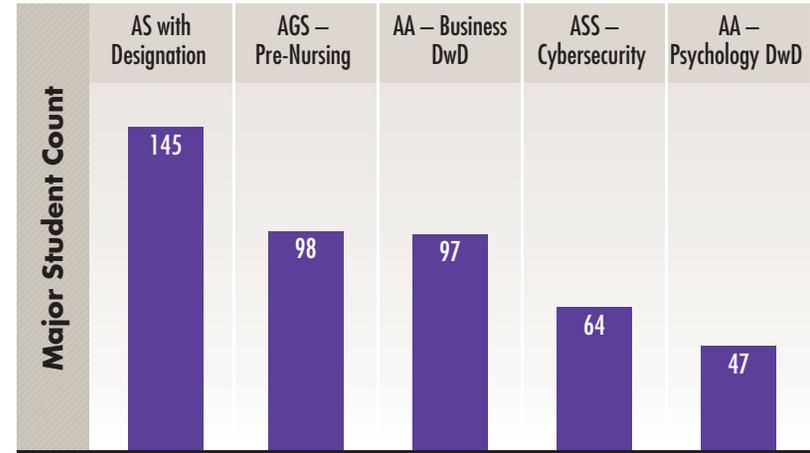
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For example, in Fall 2020, ACC student Maston Leit , a veteran of our military, was selected for Lockheed Martin's highly selective Software Associate Degree Program (SWAP). Focused on building a talent pipeline, Lockheed report's their program is a "three-year development program designed to attract, develop and retain early-career technical professionals in software and cyber-related careers". Maston will earn a salary around $50,000 annually during the 3 year training program.

According to Lockheed, students are accepted in the program before they graduate with their associate degree to accelerate the clearance process and be ready to join Lockheed Martin after graduation.

Maston will complete his Cybersecurity AAS degree at the end of summer, 2021. He began his academics at the ACC Castle Rock campus and transitioned to the Sturm Collaboration Campus when it opened in the fall, 2019. Maston thanked the navigators and faculty at ACC for all of their support in his academic journey. He hopes his fellow students will seek out all of the helpful resources ACC offers students.

The table below represents our top 5 majors at Sturm Collaboration Campus from spring 2021 as well as a breakout the Associate of Science with Designation category (AS with Designation) to demonstrate the highly concentrated enrollment in biology, pre-engineering and computer science majors.

During the spring 2021 semester there were 174 students enrolled in a Health Career Pathway (138 in 2020); 161 students enrolled in a Technology Career Pathway (84 in 2020); and 147 students enrolled in a Business Career Pathway (98 in 2020).

	AS with Designation	AGS – Pre-Nursing	AA – Business DwD	ASS – Cybersecurity	AA – Psychology DwD
Major Student Count	145	98	97	64	47

AS Degree Designations/Student Numbers

Biology 45	Chemistry 6
Pre-Engineering 37	Health & Exercise Science 7
Computer Science 23	Physics 5
Mathematics 12	

As our partnership with Colorado State University grows, enrollment in transfer pathways continues to drive enrollment for both colleges. As depicted in the table below, Sturm Navigators work with students to build strong cohorts for CSU programs. We plan to launch 2 new bachelor's degrees in Management and Marketing in the fall of 2022 with CSU.

CSU SYSTEM

STURM COLLABORATION CAMPUS

As the first graduates from the Sturm campus, Antonio and Ernesto are trailblazers in the Castle Rock community

Associates's to Bachelor's at Sturm Campus	
AAS Cybersecurity with Transfer to CSU Pueblo's BS in Computer Information Systems – Cybersecurity	
SPR21 AAS Grads 14	12 SPR21 Grads Transferring to CSU Pueblo for BS in F21
SPR22 AAS Grads (estimate) 30	
AAS Secure Software Development with Transfer to CSU Pueblo's BS in Computer Information Systems – Software Development	
SPR22 AAS Grads 22	Estimate of 15 SPR22 Grads Transferring to CSU Pueblo for BS in F22
SPR23 AAS Grads (estimate) 20	
AA Accounting (new degree) with Transfer to CSU's BSBA Accounting	
SPR21 Declared 61	5 Students Transferring to CSU for BSBA in F21
SPR21 Active 21	
CSU Pueblo's BSBA Marketing and Management coming soon in F22!	

In May, 2021 Sturm Collaboration Campus celebrated its first CSU graduates in Accounting.

Growing up in Sedalia, Colorado, identical twins Antonio and Ernesto Gesi took nearly every class together through elementary, middle, high school and now – college. After years of learning together, the twins celebrated the end of their schooling in May 2021 as the first graduating class of the Colorado State University/Arapahoe Community College Sturm Collaboration Campus in Castle Rock, Colo.

Sturm Collaboration Campus Celebrates First Graduates in Accounting - Office of Engagement and Extension (colostate.edu)

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June 23rd, 2021 – A Night in Denim and Diamonds event honoring retiring President, Dr. Diana Doyle

Although our "on campus" events were unable to happen due to COVID from March 2020 – May 2021, we are starting to see the return. Schomp Automotive and Centura Health are once again returning to campus to hold meetings and trainings, the ACC Foundation had their annual gala with 300 people in attendance in June 2021 and the Castle Rock Chamber will host a 150+ event on campus in August.

In addition, Dr. Eric Dunker, Associate VP and Dean who provides leadership to the Sturm Collaboration Campus and ACC's workforce partnerships, continues to serve on several regional and national taskforces promoting reskilling and recovery through the COVID-19 crisis. This provides an additional platform for the Sturm Collaboration Campus vision and mission.

These taskforces include:

▶ Reskilling and Recovery national network (Colorado team): Led by the national governor's association and the Lumina foundation with 20 state teams

▶ Denver South COVID-19 recovery task force through the South Denver EDP and Workforce boards

▶ Colorado State Youth Council board which promotes workforce development for Coloradan's age 16-24.

▶ Arapahoe Douglas Workforce board; where we partnered to co-create nimble and responsive programming for displaced workers in our region. ACC received the Rocky Mountain Workforce Region Proud Partner Award for 2020 for it's deep partnerships and programming through COVID.

▶ Appointed to the Colorado State University Extension Advisory Board for Douglas County by the county commissioners in the summer of 2021 to assist CSU in enhancing programs for youth in the community.

In June 2021, ACC was awarded **$250,000.00**, to expand apprenticeship programs in Information Technology (IT) and Cybersecurity in Colorado. Funding is available under CCCS' H-1B Closing the Skills Gap award. ACC will be partnering with an innovative company called Cyber-Up to help increase tech apprenticeships for our students.

ACC is moving into year 3 of our NSF Cyber Security grant, where we've received NSA certification as a Center of Excellence and have created programming to help recruit more females to what normally is a male dominated field.

ACC's Sturm and workforce team continue to lead the way in co-creating new apprenticeships and workforce partnerships. ACC continues to aggressively seek grant funding to expand our work so we can positively effect more Coloradans. For example, during COVID, ACC applied for and was awarded a $599k Department of Labor grant to provide career coaching and to create robust online health career modules for all contact tracers in Colorado in an effort to assist them in their next career steps. ACC partnered with several state and local agencies to accomplish this programming. While this work was non-credit and primarily online, this demonstrates ACC's resolve to be nimble and responsive to community needs and to be the leader in Colorado in meeting those needs.

During the 2020 – 2021 academic year, the Arapahoe Community College Sturm Collaboration Campus experienced the following progress in regards to the goals set for the gift of up to $10 million provided by the Sturm Family Foundation:

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Accounting of uses and expenditures of Grant funds

Two streams of work at ACC were enabled with or influenced by the 2019 Sturm grant during the last academic year.

Following the first semester of operation in the Sturm Collaboration Campus, we canvased faculty, staff and students to identify improvements or iterations we could make to the innovative instructional technology in place. In January 2020, we began ordering and contracting equipment and expertise to make improvements to the technical operation of SCC.While most expenditures for this work occurred during that fiscal year, all work was suspended in March due to the COVID-19 pandemic. Once vendor travel restrictions were lifted in January 2021, we resumed work.

These improvements included expanded switching equipment to handle new and more varied video streams both on site and remotely, room microphones for a better remote experience, and upgrades to podiums and cameras that improved delivery as we came to better understand the real use cases of our faculty and students.

This upgrade work was largely completed by July 2021. When faculty and students return to the campus this fall in larger numbers, they will see more and improved video options in all rooms, better sound and accessibility resources for classes, increased capabilities for ad-hoc screen sharing in all rooms, and improved technology for collaboration.

The second stream of work at ACC influenced by the Sturm grant opportunity relates to our ability to respond to the changing instructional environment during the COVID-19 pandemic. ACC was lucky to use SCC as a model for delivering synchronous, real-time remote instruction to our students during Covid. The experience of creating the Sturm Collaboration Campus as a technology forward facility, as well as the learnings from how to function effectively in the space during the fall of 2019, was invaluable as we pivoted our instructional model across the broader ACC campus in 2020.

Using our MashMe synchronous learning technology and the equipment supporting it at SCC as a model, we quickly expanded the program using similar equipment, and an improved, lower-cost software solution (Zoom) in over 90 rooms on the rest of our campus. While this expansion was funded through CARES Act dollars, the experience faculty already had under their belts, the back end infrastructure and organization, and the training models to quickly get more faculty up to speed were are available as a result of our 'first run' at SCC.

Having the Sturm model for delivering remote instruction in hand and ready to expand across our campuses in the spring of 2021 gave ACC a head start on other institutions, and the success of this preparation is apparent in our increased enrollment and retention numbers, defying national trends in this area.

Rooms upgraded to HyFlex capable Spring 2021:
- ▶ Room 126 (cybersecurity classroom)
- ▶ Room 127 (secure software development classroom)
- ▶ Room 212 (gen ed classroom)
- ▶ Room 226 (gen ed classroom)
- ▶ Room 227 (gen ed classroom)
- ▶ Room 228 (dry lab classroom)
- ▶ Room 221 (CSU classroom)
- ▶ Room 230 (Terrace Room)
- ▶ Room 123 (Community Room)

*Spring 2020
and Fall 2021
Student's utilizing
Sturm Collaboration
Campus technology*

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Summary of performance objectives:

Campus Pathway Navigators

Kristi
Strother

Sarah
Homer

Anna
Del Rosario

The Sturm Collaboration Campus Navigators continue to prove that intrusive, wrap around services that align a student's work experience with their program of study as well as career counseling and assessment on the front end of a student's enrollment, positively impact retention and completion rates. Sturm Navigators have approximately 370 students on their case load (vs. 212 Spring 2020).

Through the utilization of the student success platform and alert system, Navigators are able to pay close attention to each student and cohort performance and/or issues. For example, Navigators are alerted when there are outlier performance issues that could be detrimental to student success. For instance, when 5 out of 14 students received a below average grade on an exam, Navigators were alerted and were able to discuss competencies with the instructor and determine if additional services were needed. Another example is when a student is registered for a class outside of their degree plan, Navigators are alerted and able to follow up (usually with a text to the student) to determine if that class is necessary.

Students at Sturm Collaboration take an average of 9.0 or more credit hours as opposed to the 6.0 or more average of the general ACC student population. This is a significant difference as the momentum of taking more credits proves that students are more likely to graduate and save money on their degree. In addition, Sturm Collaboration Campus students are completing the credit hours they're attempting at 7.6% higher rate than the general ACC student population (89.7% vs. 82.1%).

As mentioned above, Sturm Navigators work directly with employers like Lockheed Martin, Centura Health, Castle Rock Water, and Health One to provide our students with work – based learning experiences, apprenticeships and/or the best opportunities available for their chose field of study. Although, this year proved to be challenging in this remote environment, Navigators have created or increased engagement with the following organizations:

- ▶ Raytheon
- ▶ TransUnion Health
- ▶ Davey Coach
- ▶ Home Care Assistance of Douglas County
- ▶ Wind Crest
- ▶ Centennial Airport
- ▶ Arrow Electronics
- ▶ Aviation & Aerospace network

Lastly, the pandemic did not slow Sturm Navigators down. Below is a list of outreach efforts between August 2020 and June 2021:

**Sturm Collaboration Campus Outreach Efforts
Fall 2020 – Spring 2021**

▶ High School and Middle School Events

- 10th grade ICAP Career Panel, Douglas County High School (100 students): December 8th and 9th
- 8th grade Career Exploration Virtual Event, Douglas County School District: October 26 -30
- Career Exploration Presentation, Arapahoe High School students and parents (100 parents and students): March 8th
- Career Exploration Training for Parent Volunteers (7 participants): April 14th
- ACC Programs and Career Opportunities presentation, Eagle Academy students (50 students): April 20, 2021

▶ Admissions Recruitment

- Castle View: November 18, February 17, April 12
- Highlands Ranch: February 24
- Mountain Vista: February 11 and April 20
- ThunderRidge: February 18 and April 12
- STEM Highlands Ranch: February 19
- Rock Canyon: February 25
- Douglas County: March 3

▶ High School Counselor Event

- High School Counselor Day for Douglas County School District and regional charter schools (30 attendees): April 24th

▶ Community Events

- Sturm Collaboration Campus Virtual Open Houses: October 20th, January 26th, February 26th, April 14th
- Live, Learn, Work Centennial Skill-up Bootcamp (15 attendees each): December 2nd, 4th & 16th
- Live, Learn, Work Englewood Skill-up Bootcamp (12 attendees each): November 11th& December 11th
- Virtual Parent Night, Prospective Students and their Parents (3 attendees): December 16th
- Cyber Warrior Virtual Event w/ CSU Pueblo: April 20th
- Sturm Collaboration Campus In-Person Open House: June 5th
- Adult ICAP Presentation, Colorado Department of Education, June 17th

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Business Lead Faculty

Ivan Nikolaeff received a commendable rating on both his teaching and service factors in is annual review for this second year of teaching. During the pandemic Ivan did teach some face to face classes and was extremely flexible with virtual, face to face and asynchronous courses so all of his students could take the modality they wanted and needed to be most successful.

Ivan Nikolaeff

Comments from his supervisor in this annual review include:

Ivan is very innovative in his teaching techniques and multi-use activities. This is very positive with students who commented on how much they loved the breakout groups, discussions even if in Zoom as well as a mock trial. He is very relaxed with the students in classes and they are extremely interactive and participate as observed with his class evaluations I did. He continues to try and incorporate various learning tools such as LinkedIn and Inclusion and Diversity from professional development activities to better his teaching and classes. I appreciate Ivan's willingness to support the department with his flexibility on taking on new classes as well as teaching a variety of modalities as he did this past year. He also has attended our advisory board meetings as a faculty member and supported our Pathway events. Ivan is an asset to the department with his business experience, innovativeness and positive student interaction. He continues to implement exemplary teaching methods as well as his service to the department and college.

Secure Software/Comp Science Senior Faculty

[The ACC/CSU Secure Software program](#) continues to grow and thrive. This is due in part to the amazing work and engagement of our lead faculty, Doug Lundin. A note from one of Doug's students can sum this up:

Doug Lundin

Good afternoon,

I wanted to say thank you to each and every of you as my professors and administrators while attending ACC. Because of all the hard work and dedication you give every day alongside your teaching and tremendous patience, I have the great privilege to announce that I, Daniel Murphy, have been accepted as a transfer student into the Ivy League Columbia University in New York. This amazing accomplishment would have not been possible without all of your support and I truly want to thank each and every one of you. I hope to pay back what you have so graciously given me by doing the most with my education at Columbia and beyond. ACC has gifted me so many great opportunities and I hope that it will, in turn, continue to provide this crucial and high-quality education to everyone with a thirst for knowledge.

Thank you!

Doug also received commendable ratings on both his teaching and service factors in his annual performance review. During COVID, Doug created demos for his students to implement code

in the context of mapping COVID-19 providing relevant and practical experiences for our students. Demos included:

- Modeling COVID-19 Epidemic (CompSci, Math)
- Social Distancing to slow Coronovirus (CompSci, Math)
- How are COVID-19 vaccine's designed? (CompSci, other)
- Today's weather forecast (Internet source) (CompSci)
- Steganography – embedding secret message in image
- (Cybersecurity)

Concurrent Enrollment/CTE Coordinator

Sturm Collaboration Campus Concurrent Enrollment Specialist

Fall 2020:
133 unique CE students
177 registrations, 162 passing grades (91.5%)

Spring 2021:
161 unique CE students
213 registrations, 189 passing grades (88.7%)

Ben Gerig

Marketed the ACC Sturm Collaboration Campus pathways at DCSD student/parent information sessions and Student Advising Sessions, statewide conferences and college fairs (see Appendix A).

- Provided Information Sessions for DCSD parents and the community, highlighting ACC Sturm Collaboration Campus pathways

— Serve as the primary academic advisor for more than 100 Douglas County School district students who study at the Sturm Collaboration Campus, and another 2,200 students who need to be registered for Concurrent Enrollment courses (through me) at their Douglas county school district high school location.

   — I continue to expand CE's programming across the Douglas County School district—focusing on creating an academically rewarding experience for more than 2,300 students.

   — To support all my students, I have developed a "warm handoff" process through my Leadership Academy project, providing improved wrap-around- student services while utilizing the Navigate platform. To help facilitate "warm handoffs," I collaborate with Sarah Homer, Anna del Rosario and Jodi Terwillinger-Stacey, to ensure that DCSD CE students have access to the appropriate resources in a timely fashion at the Sturm Collaboration Campus.

- Our Sturm Collaboration Campus CE goals are threefold: 1.) expanding equitable access to underserved students 2.) retaining CE students at the Sturm Collaboration Campus following their HS graduation 3.) setting all students up for success entering the workforce or continuing in their academic pathway.

- As a capstone to the project, I pioneered a graduating "CE Senior Call Campaign" to connect more than 100 underserved students in my service area, with resources for ACC course registration, transcript access and career and transfer services meetings. The expected outcome in ACC's strategic plan is to "eliminate equity gaps for traditionally underserved students by increasing the course success, retention, and completion rates of all groups"—this continues to be my focus in CE.

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- Manages the day-to-day operations for all Douglas County School District CE Students and partnership:
  — As a Concurrent Enrollment Specialist, I currently oversee CE student success operations for diverse academic pathway programs across the Douglas County School District (DCSD), our largest partner. I work in concert with district leaders, principals, counselors, instructors, and students to ensure smooth day-to-day operations of concurrent enrollment programs at the Sturm Collaboration Campus, including Healthcare, Cyber Security, Secure Software, Accounting and Business students.

- Responsible for cultivating and identifying new agreements with partner institutions:
  — As the CE Specialist for Douglas County School district, I continue to work with district leadership to expand and enhance CE pathway opportunities for their accelerating student population's unique academic needs, including Nurse Aide, Automotive and Emergency Medical Technician programs.

- Manages the credentialing and onboarding of new CE instructors, ensures compliance with legislation related to CE, tracks enrollment and outcomes and advises senior leadership on issues related to CE.
  — Assist new instructors and CE liaisons throughout the credentialing and onboarding process for Douglas County School district instructors.

— I have completed my National Alliance of Concurrent Enrollment Partnerships (NACEP) accreditation training and am intimately familiar with the CE legislation across the State of Colorado, as a participant in CE workgroup meetings regarding legislative updates and policy changes in Colorado.

— I delivered my Sturm Collaboration Campus project, "Utilizing Navigate for CE Student Success," to ACC's leadership team gaining cross-campus buy-in to scale our CE student support and advising efforts at Sturm Collaboration Campus.

— I currently provide support for students in diverse academic pathways and programs across Douglas County School District. I have gained extensive knowledge and degree plan understanding across ACC's 7 academic pathways. I also provide academic advising and success tracking for ASCENT students in DCSD—honoring the intersection between each student's Career and Academic Plan (ICAP) and their post-secondary goals. I support these students by utilizing the newly developed "warm handoff" system while collaborating with Sturm Collaboration Campus Navigators and ACC pathway advisors to ensure successful advising, course registration and onboarding student experiences.

- Regarding PTECH, I work closely with CTE Navigator Misty Murphy and Engineering Technology program chair Christopher Gorrie, mining and analyzing data in Navigate to help inform ACC's outreach efforts to PTECH students—supporting matriculation and enrollment growth for our STEM School PTECH partnership.

— I have worked to improve workflows and data management processes for Douglas County School district high school CE students, while creating systems for warm handoffs and wrap-around student support between CE, admissions, advisors, and instructors through the Navigate platform. I am intimately familiar with the new CE Data Load in Banner as well as Banner course building processes, test score data management, CE registration, holds and test score report analysis.

- Created a new "Application Video Tutorials" for Joy Griffin's team to disseminate to counselor's, Assistant Principals and instructors, in order to minimize the delay for student to apply to ACC and receive their S Number.

- Maintained records for all Concurrent Enrollment students by utilizing Navigate, Banner, Recruit and other Databases to track CE Student Success; provide holistic, student-centered support through warm hand-offs and "Utilizing Navigate for CE Student Success" project development.

▶ Professional Contributions and Accomplishments

- Lauryn Rodvold Article:
https://www.arapahoe.edu/blog/lauryn-rodvold-accelerating-academic-success-through-concurrent-enrollment

- CE Article:
https://www.arapahoe.edu/blog/acc-accelerates-students-paths-workforce-credentials-and-degrees

- Colorado Statewide CE Conference Presentation:
"CE Student Success at Sturm Collaboration Campus"

Workplace Skills Development Programing

The Workplace skills development planning program was going to be initiated with more scale in the spring of 2020 as we laid the foundation for the campus during the fall and winter of 2019/2020. Our team also assisted with laying the groundwork to initiate our AWS cloud-computing pilot this summer/fall 2020 along with our CISCO certification program. We had many events planned with the CR Chamber of Commerce late spring, summer, and fall of 2020 to bring more workforce programming to the campus; but these plans were halted due to COVID. However, we have leveraged the carryover funds to help acquire funding from COSI for a position to specifically assist displaced workers back to full employment. Our new employee begins Aug 17th, and this position will leverage some of these funds to bring real time skill development and training to displaced workers through the campus in our region.

ACC applied for and received funding from the Colorado Opportunity Scholarship Initiative to create a Workforce Navigator that will serve displaced workers in Douglas and Arapahoe Counties for the next 2 years. This Workforce Navigator will lean into this fund to provide programming for Douglas County residents through the Sturm Collaboration Campus during the 2021-2022 year.

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Information on leasing and other uses of SCC

The lease terms run through June 30, 2024 for CSU, CSU Pueblo and AD Works (who is in the process of moving in). No changes to the lease agreements.

Innosphere uses an open room/public space regularly but no lease.

Due to COVID, the 3D Printing Store will not be leasing space at this time.

Crowfoot Valley Coffee will likely be returning when the campus returns to full capacity for Fall 2021.

In order to meet unprecendented healthcare workforce demand, ACC Sturm Collaboration Campus is opening a 2nd health lab in the fall of 2021. During the initial design for Sturm Collaboration Campus, we put in the option for a second health lab due to the possibility for growth. However, it was clear that our healthcare industry partners needed us to expand our capacity now. We will be repurposing the space that 3D printing was going to lease into a general classroom for the time being in order to keep up with demand.

Progress report on Key Steps to Phase II

Enrollment target head count of 5 – 8% increase year over year was met. Anticipated enrollment for Fall 2021 is projected to increase at least 10%-15% from Fall 2020.

We continue to work with the AD Works chief economist in analyzing workforce demand in our region. ACC's Outreach Team will begin meeting with more businesses this fall to continue assessing programming and regional talent pipeline needs.

The utilization of community event and programming space at Sturm Collaboration Campus was on hold per CDHE and CDC social distancing guidelines due to COVID 19.

Sturm Advisory Committee recruitment initiated including representation from Castle Rock EDC, Douglas County School District, Colorado State University, CR Development Company, Centura Health and Boeing. ACC's new President, Dr. Stephanie Fujii will hold initial meeting in Fall 2021.

New Nurse Aide and Physical Therapy Assistant classrooms built for growth of both programs

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Additional Information

Health Pathway SPR21 – total 174	
AGS Pre-Nursing	98
Physical Therapist Assistant	21
AGS Pre-PTA	16
AS Health & Exercise Science	7
AAS Medical Assistant and Medical Billing	6
Certificate in Nurse Aide	26

Technology Pathway SPR21 – total 161	
AAS Cybersecurity Transfer	57
AAS Secure Software Development Transfer	33
AS Computer Science	21
AAS Computer Information Systems and Computer Network Technology majors	35
AAS Game Design	15

Business Pathway SPR21 – total 147	
AA Business	98
AAS Business, Marketing, and/or Management	40
AA Accounting	8
Certificates (various)	9

Math & Science SPR21 – total 107	
AS Biology	47
AS Pre-Engineering	37
AS Math	12
AS Chemistry	6
AS Physics	5

Other Pathways SPR21 – total 107	
AA Psychology	47
AA Criminal Justice	10
AA English	9
AA Communication	8
AA Political Science	10
AA General	23

Cybersecurity

Join an in-demand field today!

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WHY CHOOSE ACC'S CYBERSECURITY PROGRAM?
Our AAS degree will help you become a qualified professional with expertise in:
- IT Security
- Digital Forensics
- Information Assurance
- Risk Management
- Security Architecture

EMPLOYMENT*
- Security Analysts are projected to grow **31%** from 2019 to 2029.
- In the Denver metro area, **843 openings** were posted per month for Information Security Analysts; only 73 positions filled.
  *Data Source: U.S. Bureau of Labor Statistics and Economic Modeling Specialists International

TRANSFER OPTIONS
Through ACC's **partnership with CSU Pueblo**, you can earn both your Associate of Applied Science (AAS) degree and your **BS in Computer Information Systems (Cybersecurity Emphasis)** at the Sturm Collaboration Campus in Castle Rock! As an ACC student, you can begin CSU Pueblo courses as early as your second semester in the Cybersecurity AAS program!

Successful completion of the program will prepare you for industry certifications:
- CompTIA Linux+
- CompTIA Network+
- CompTIA Security+
- CompTIA CySA+
- ISC2 SSCP

Code and construct your way to Moving Mountains

For more information or accommodations:
Nina Amey, Department Chair
Sarah Homer, Sturm Campus Navigator
sarah.homer@arapahoe.edu or scan:

Program and Cyber Center information: arapahoe.edu/cybersecurity | arapahoe.edu/cyber

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Secure Software Development

Your expertise in preventing malicious attacks is needed TODAY!

CSU SYSTEM
STURM COLLABORATION CAMPUS

...t malicious attacks by ensuring software is written securely. ACC's Secure ...e combines skills in **computer programming, security, and database**

...n experience and learn about:
...w to fix them • **OWASP Top 10 vulnerabilities** and how to fix them
...ard

...growing field with high demand and a steady ...u with a variety of job opportunities, such as:
...mer • **Security Engineer**
• **Software Engineer**

Code and construct your way to Moving Mountains

For more information or accommodations:
Douglas Lundin, M.S., Faculty, Secure Software Development
douglas.lundin@arapahoe.edu

Sarah Homer, Sturm Campus Navigator, sarah.homer@arapahoe.edu or scan:

...SU Pueblo,
...of Applied
...ftware
Development and your BS in Computer Information Systems (Software Development Emphasis) at the Sturm Collaboration Campus in Castle Rock!

Program information: arapahoe.edu/secure-software

Earn a bachelor's degree from CSU at Sturm Collaboration Campus!

OPEN HOUSE
In Person, June 5, 10am-2pm!
Scan to RSVP TODAY!

...our-year
...mpus in Castle Rock

...e tuition per semester = $2,500

...or more
...n.

...s and
...Campus

...er
...elopment Transfer
...sfer

...ience Transfer

...ssistant

CSU Four-Year Degree Completion at Sturm Campus
» BSBA Accounting (CSU Fort Collins)
» BS Computer Information Systems – Cybersecurity (CSU Pueblo)
» BS Computer Information Systems – Software Development (CSU Pueblo)

CSU SYSTEM
COLORADO STATE UNIVERSITY
FORT COLLINS | PUEBLO | GLOBAL

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Appendix A:

- Sturm Collaboration Course Advising Virtual Tue 5/26/2020 900 AM Tue 5/26/2020 915 AM
- Advising & Registration Wed 6/17/2020 300 PM Wed 6/17/2020 430 PM
- Application and Course Registration, Sturm Collaboration Course Advising, Calculus III MA1 Virtual Wed 6/24/2020 900 AM Wed 6/24/2020 945 AM
- General Advising, Physics Alg-Based II/Lab SC1 Virtual Wed 7/1/2020 117 PM Wed 7/1/2020 121 PM
- Sturm Collaboration Course Advising, Human Nutrition Virtual Wed 7/8/2020 1200 PM Wed 7/8/2020 1230 PM
- Advising & Registration Virtual Fri 7/10/2020 223 PM Fri 7/10/2020 225 PM
- General Advising Virtual Wed 7/15/2020 1050 AM Wed 7/15/2020 1053 AM
- Orientation/Advising & Registration Phone Tue 7/28/2020 300 PM Tue 7/28/2020 400 PM
- Choosing a Schedule, English Composition ICO1 Sturm Collaboration Campus Thu 8/6/2020 830 PM Thu 8/6/2020 930 PM
- Choosing a Schedule, US History to Reconst HI1 Virtual Wed 8/19/2020 1200 PM Wed 8/19/2020 102 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Tue 7/28/2020 500 PM Tue 7/28/2020 600 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Tue 9/1/2020 500 PM Tue 9/1/2020 600 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Wed 8/12/2020 1200 PM Wed 8/12/2020 100 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Tue 9/1/2020 1200 PM Tue 9/1/2020 100 PM
- Sturm Collaboration Course Advising Virtual Fri 7/24/2020 1215 PM Fri 7/24/2020 115 PM
- Sturm Collaboration Course Advising Virtual Thu 7/16/2020 1200 PM Thu 7/16/2020 100 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Thu 7/16/2020 1200 PM Thu 7/16/2020 100 PM
- Sturm Collaboration Course Advising, Nurse Aide Health Care Skills Virtual Tue 9/1/2020 1200 PM Tue 9/1/2020 100 PM
- Sturm Collaboration Course Advising Virtual Fri 10/9/2020 1200 PM Fri 10/9/2020 100 PM
- Advising Madigan Fri 12/11/2020 300 PM Fri 12/11/2020 330 PM
- Sturm Collaboration Course Advising Virtual Tue 1/5/2021 215 PM Tue 1/5/2021 300 PM
- Advising & Registration – Distance Learners Virtual Thu 1/7/2021 1200 PM Thu 1/7/2021 100 PM
- Sturm Collaboration Course Advising Virtual Mon 3/29/2021 1200 PM Mon 3/29/2021 1230 PM
- Sturm Collaboration Course Advising Virtual Fri 6/18/2021 300 PM Fri 6/18/2021 330 PM
- Sturm Collaboration Course Advising Virtual Thu 7/22/2021 330 PM Thu 7/22/2021 400 PM
- Sturm Collaboration Course Advising Sturm Collaboration Campus Thu 7/22/2021 353 PM Thu 7/22/2021 354 PM
- ACC Nurse Aid Advising & Registration - required ZOOM Thu 7/16/2020 1200 PM Thu 7/16/2020 100 PM Blue Category
- ACC--Nurse Aid--Advising Session Zoom Video Meeting Thu 7/23/2020 1100 AM Thu 7/23/2020 1200 PM
- ACC Nurse Aid Advising & Registration -required meeting Zoom Video Meeting (link inside) Fri 7/24/2020 1200 PM Fri 7/24/2020 100 PM
- ACC Advising Session - Nurse Aid https//arapahoe-edu.zoom.us/j/9137266068 Tue 7/28/2020 500 PM Tue 7/28/2020 600 PM
- ACC- Advising and Registration Session w/ Ben https//arapahoe-edu.zoom.us/j/9137266068 Thu 8/6/2020 830 AM Thu 8/6/2020 915 AM
- NURSE AIDE Advising & Registration -DCSD Zoom; https//arapahoe-edu.zoom.us/j/9137266068 Tue 11/3/2020 500 PM Tue 11/3/2020 630 PM
- NURSE AIDE Advising & Registration -DCSD zoom Wed 11/4/2020 500 PM Wed 11/4/2020 630 PM
- NURSE AIDE Advising & Registration -DCSD zoom Tue 11/10/2020 500 PM Tue 11/10/2020 630 PM
- NURSE AIDE Advising & Registration -DCSD zoom Mon 11/9/2020 500 PM Mon 11/9/2020 630 PM
- ACC - Student Advising https//arapahoe-edu.zoom.us/j/9137266068 Wed 9/30/2020 1100 AM Wed 9/30/2020 1130 AM

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Appendix A:

- Megan Advising https//arapahoe-edu.zoom.us/j/9137266068 Fri 10/9/2020 1200 PM Fri 10/9/2020 1230 PM

- Nurse Aide Advising & Registration Required for Spring '21 https//arapahoe-edu.zoom.us/j/9137266068 Thu 11/19/2020 500 PM Thu 11/19/2020 600 PM

- Nurse Aide Advising Keenan R. https//arapahoe-edu.zoom.us/j/9137266068 Wed 11/18/2020 200 PM Wed 11/18/2020 230 PM

- ACC - Summer Course Exploration & Advising https//arapahoe-edu.zoom.us/j/9137266068 Mon 1/11/2021 1100 AM Mon 1/11/2021 1130 AM

- ACC- Advising & Registration Session https//arapahoe-edu.zoom.us/j/9137266068 Thu 2/25/2021 1230 PM Thu 2/25/2021 130 PM

- Parker Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Mon 3/29/2021 500 PM Mon 3/29/2021 600 PM

- Castle Rock Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Wed 3/31/2021 500 PM Wed 3/31/2021 600 PM

- Highlands Ranch Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Tue 4/6/2021 500 PM Tue 4/6/2021 600 PM

- ACC--advising session for BIO 111 https//arapahoe-edu.zoom.us/j/9137266068 Fri 4/30/2021 1200 PM Fri 4/30/2021 1230 PM

- ACC-CE Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Mon 5/3/2021 400 PM Mon 5/3/2021 500 PM

- ACC-Sturm Collaboration Course Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Wed 5/5/2021 815 AM Wed 5/5/2021 845 AM

- [Appointment Notification] Advising & Registration @ Jun 02 2020 400pm - 530pm MDT Tue 6/2/2020 400 PM Tue 6/2/2020 430 PM

- Sheyla Advising Meeting Fri 1/8/2021 100 PM Fri 1/8/2021 145 PM

- Advising Kylie Tue 5/4/2021 200 PM Tue 5/4/2021 230 PM

- ACC--Sturm Collaboration Course Advising & Registration Wed 5/5/2021 1000 AM Wed 5/5/2021 1100 AM

- CE- advising and registration zoom Wed 5/5/2021 500 PM Wed 5/5/2021 600 PM

- Advising w/ Mona Thu 5/13/2021 400 PM Thu 5/13/2021 430 PM

- Lillian Lyons Advising Session Mon 5/24/2021 1200 PM Mon 5/24/2021 1230 PM

- Megan N Student Advising Tue 5/25/2021 200 PM Tue 5/25/2021 300 PM

- New Student Advising/Registration Sturm Fri 6/5/2020 1230 PM Fri 6/5/2020 300 PM

- New Student Advising/Registration Sturm Mon 6/15/2020 430 PM Mon 6/15/2020 700 PM

- Parker Advising Session ACC Parker Campus Wed 6/10/2020 330 PM Wed 6/10/2020 600 PM

- New Student Advising/Registration Sturm Wed 6/24/2020 1130 AM Wed 6/24/2020 200 PM

- Parker Advising Session ACC Parker Campus Tue 6/30/2020 930 AM Tue 6/30/2020 1200 PM

- Colorado CE Conference Virtual Conference Fri 11/13/2020 800 AM Fri 11/13/2020 500 PM

- @ACC Group Advising Session (Step 5) https//arapahoe-edu.zoom.us/j/93729615474 Thu 8/20/2020 330 PM Thu 8/20/2020 430 PM

- ACC Open House https//sites.google.com/view/accopenhouse/home Tue 10/20/2020 500 PM Tue 10/20/2020 700 PM

- Colorado Concurrent Enrollment Conference Zoom Fri 11/13/2020 845 AM Fri 11/13/2020 1200 PM

- ACC Nurse Aid Advising & Registration - required ZOOM Thu 7/16/2020 1200 PM Thu 7/16/2020 100 PM Blue Category

- ACC--Nurse Aid--Advising Session Zoom Video Meeting Thu 7/23/2020 1100 AM Thu 7/23/2020 1200 PM

- ACC Nurse Aid Advising & Registration -required meeting Zoom Video Meeting (link inside) Fri 7/24/2020 1200 PM Fri 7/24/2020 100 PM

- ACC Advising Session - Nurse Aid https//arapahoe-edu.zoom.us/j/9137266068 Tue 7/28/2020 500 PM Tue 7/28/2020 600 PM

- ACC- Advising and Registration Session w/ Ben https//arapahoe-edu.zoom.us/j/9137266068 Thu 8/6/2020 830 AM Thu 8/6/2020 915 AM Wed 8/12/2020 300 PM

- NURSE AIDE Advising & Registration -DCSD Zoom; https//arapahoe-edu.zoom.us/j/9137266068 Tue 11/3/2020 500 PM Tue 11/3/2020 630 PM

- Advising & Registration -DCSD zoom Wed 11/4/2020 500 PM Wed 11/4/2020 630 PM

- NURSE AIDE Advising & Registration -DCSD zoom Tue 11/10/2020 500 PM Tue 11/10/2020 630 PM

Appendix A: continued

- NURSE AIDE Advising & Registration -DCSD zoom Mon 11/9/2020 500 PM Mon 11/9/2020 630 PM

- ACC - Student Advising https//arapahoe-edu.zoom.us/j/9137266068 Wed 9/30/2020 1100 AM Wed 9/30/2020 1130 AM

- Megan Advising https//arapahoe-edu.zoom.us/j/9137266068 Fri 10/9/2020 1200 PM Fri 10/9/2020 1230 PM

- Nurse Aide Advising & Registration Required for Spring '21 https//arapahoe-edu.zoom.us/j/9137266068 Thu 11/19/2020 500 PM Thu 11/19/2020 600 PM

- Nurse Aide Advising Keenan R. https//arapahoe-edu.zoom.us/j/9137266068 Wed 11/18/2020 200 PM Wed 11/18/2020 230 PM

- ACC - Summer Course Exploration & Advising https//arapahoe-edu.zoom.us/j/9137266068 Mon 1/11/2021 1100 AM Mon 1/11/2021 1130 AM

- ACC- Advising & Registration Session https//arapahoe-edu.zoom.us/j/9137266068 Thu 2/25/2021 1230 PM Thu 2/25/2021 130 PM

- Parker Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Mon 3/29/2021 500 PM Mon 3/29/2021 600 PM

- Castle Rock Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Wed 3/31/2021 500 PM Wed 3/31/2021 600 PM

- Highlands Ranch Region -CE @ACC Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Tue 4/6/2021 500 PM Tue 4/6/2021 600 PM

- ACC-CE Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Mon 5/3/2021 400 PM Mon 5/3/2021 500 PM

- ACC-Sturm Collaboration Course Advising & Registration https//arapahoe-edu.zoom.us/j/9137266068 Wed 5/5/2021 815 AM

- Sheyla Advising Meeting Fri 1/8/2021 100 PM Fri 1/8/2021 145 PM

- Advising Kylie Tue 5/4/2021 200 PM Tue 5/4/2021 230 PM

- ACC--Sturm Collaboration Course Advising & Registration Wed 5/5/2021 1000 AM Wed 5/5/2021 1100 AM

- CE- advising and registration zoom Wed 5/5/2021 500 PM Wed 5/5/2021 600 PM

- Advising w/ Mona Thu 5/13/2021 400 PM Thu 5/13/2021 430 PM

- Lillian Lyons Advising Session Mon 5/24/2021 1200 PM Mon 5/24/2021 1230 PM

- Megan N Student Advising Tue 5/25/2021 200 PM Tue 5/25/2021 300 PM

- New Student Advising/Registration Sturm Fri 6/5/2020 1230 PM Fri 6/5/2020 300 PM

- New Student Advising/Registration Sturm Mon 6/15/2020 430 PM Mon 6/15/2020 700 PM

- Parker Advising Session ACC Parker Campus Wed 6/10/2020 330 PM Wed 6/10/2020 600 PM

- New Student Advising/Registration Sturm Wed 6/24/2020 1130 AM Wed 6/24/2020 200 PM

- Parker Advising Session ACC Parker Campus Tue 6/30/2020 930 AM Tue 6/30/2020 1200 PM

- High School Communication Collaborative Meeting Webex Wed 7/22/2020 1230 PM Wed 7/22/2020 130 PM

- @ACC Group Advising Session (Step 5) https//arapahoe-edu.zoom.us/j/93729615474 Thu 8/20/2020 330 PM Thu 8/20/2020 430 PM

- ACC Open House https//sites.google.com/view/accopenhouse/home Tue 10/20/2020 500 PM Tue 10/20/2020 700 PM

- Colorado Concurrent Enrollment Conference Zoom Fri 11/13/2020 845 AM Fri 11/13/2020 1200 PM

- Collaborate to Matriculate Zoom Link & Agenda Zoom Thu 2/18/2021 830 AM Thu 2/18/2021 1200 PM

- Meet ACC's Advising! https//arapahoe-edu.zoom.us/j/81731648456 Wed 3/24/2021 100 PM Wed 3/24/2021 130 PM

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