



Southern Utah Center for Computer, Engineering & Science Students (SUCCESS)

“Diligence in the Pursuit of Excellence”

SUCCESS Academy at Dixie State University 2021-2022 School Profile

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About:

The Southern Utah Center for Computer, Engineering, and Science Students (SUCCESS) Academy is an early college STEM focused public charter high school. SUCCESS Academy partners with Dixie State University (DSU) in order to offer students the opportunity to earn an Associate of Science degree in general studies at the time of high school graduation. SUCCESS Academy DSU has two programs available for students to choose from: STEM or Computer Science (CIT).

SUCCESS Academy at DSU opened its doors in 2006 on the college campus as a sister school to the initial campus that opened in partnership with Southern Utah University in 2005 and located in Cedar City. In 2016, the two schools separated to operate independently of each other. SUCCESS Academy DSU is fully accredited by AdvancED, the regional accreditation board.

SUCCESS Academy is open to all students within the Washington County School District (WCSD) boundaries. This consists of six major high schools and approximately 9000 students. Students must apply before Feb 1 of their 9th grade year. If more applications are received than available seats, students go through a random lottery performed by WCSD. Students are required to pass the Accuplacer exam with DSU's minimum score requirements for placement in college entry level Math (54) and English (76).

College & Career Readiness:

SUCCESS Academy students are rigorously prepared for college coursework as they begin to take dual enrollment courses in 10th grade. All college courses are taught on DSU's campus by approved and qualified teachers. Courses are taught at a college pace, which generates a college transcript that can be sent officially for transfer credit. In order to transition students to the rigor of college coursework, counselors provide the following supports:

- ◆ 10th grade Success Skills class (curriculum includes time management, organization, weekly planning, textbook reading, note taking, test taking, group/ individual study skills, SEL, 4 year planning, career pathways, scholarships) and individual parent/student meeting in the fall.
- ◆ 11th grade College Prep class (curriculum includes decision making, goal setting, college comparisons and cost, majors,

scholarships/FAFSA, applications, essay writing, test prep, career pathways, 4 year planning, college registration training, resume building) and individual parent/student meeting in the spring.

◆ 12th grade Senior Seminar is designed as a resource class, one hour weekly with their counselor as they fill out college/scholarship applications and prepare for graduation. Individual parent/student meeting held in the fall.

EXTRACURRICULAR OPPORTUNITIES

- Student Council
- National Honors Society
- Peer Mentoring
- Yearbook Staff

- Constitution Club
- Any sport, club, music, dance, or theater offered at their boundary school
- Any club offered at Dixie State University

NOTABLE ACHIEVEMENTS

- Class of 2020 will be graduating with over 4,500 transferrable college credits
- Class of 2019 was offered over \$2.8 million in scholarships (class size—68)
- 7 consecutive years of winning the Southern Utah Regional Science Fair school trophy and having students qualify for participation in Intel’s International Science Fair (ISEF)
- 2016 voted as Utah Charter School of the Year by the Utah Charter Network
- 2016 US News & World Report—ranked #1 in Beating the Odds and #18 in America’s Best High Schools
- 2017 NICHE ranked #23 in Best High School in Utah

Success Academy DSU Statistics				
Total Enrollment	Diverse Ethnicity	Low Socio-economic Status	First Generation College Student	STEM/CIT
296	37 (12%)	63 (21%)	41 (14%)	160/136
ACT DATA FOR CLASS OF 2020				
AVERAGE COMP SCORE	MEETS MATH BENCHMARK	MEETS SCIENCE BENCHMARK	MEETS ENGLISH BENCHMARK	MEETS READING BENCHMARK
24.8	72%	58%	86%	83%
GRADUATION REQUIREMENTS			GRADE POINT AVERAGE	
SUBJECT	CREDITS	SUCCESS Academy calculates an unweighted cumulative GPA on a 4.0 scale. Students are ranked by GPA with the possibility of more than one student holding a rank.		
English/Language Arts*	4			
Mathematics	4	Class of 2020 Statistics (through junior year)		
Science	3	Highest GPA	4.0	
Student Research Project	1	Median GPA	3.66	
Social Studies	3	Mean GPA	3.51	
Fine Arts	1.5	Lowest GPA	2.11	
Physical Education	2	GRADUATION RATES		
Career & Technology	1	Students enter with the intent to complete their general education requirements from DSU and earn an AS at the time of high school graduation.		
Electives	7.5	High School Graduation	98% projected	

Total	28	AS Degree	80% projected
*College courses counted toward English/Lang Arts: Eng 1010, Eng 2010, Hum 1010/1040, Communications courses			

COURSEWORK IN STEM COHORTS

10 TH GRADE		11 TH GRADE		12 TH GRADE
<u>Semester 1</u> Honors English Honors Chemistry CE Math 1000 CE Art 1010 Science Research	Semester 2 CE English 1010 CE Chemistry 1010 CE Chem Lab 1015 CE Math 1050 Success Skills	Semester 1 CE English 2010 CE History 1700 CE Math 1040 Science Research College Prep	Semester 2 CE Humanities 1010 CE Political Science 1100 CE Math 1060 CE Physics 1010 CE Phys Lab 1015	Students take college courses on DSU's campus that complete graduation requirements and fit their 4 year college and career plan
Key for Transcript <ul style="list-style-type: none"> CE - Concurrent Enrollment (these are college courses) Art 1010 - Intro to Art English 1010 - Intro to Writing Math 1000 -Transitional Math IIB and is posted as "Sec Math II Honors" Math 1050 - College Algebra/Pre-Calculus 📖 Success Skills is posted as "Leadership & Character Education" 		<ul style="list-style-type: none"> English 2010 - research writing History 1700 - US History Political Sci 1100 - American Government Humanities 1010 - Humanities through the Arts (this is counted toward Lang Arts credit) Math 1040 - Intro to Statistics Math 1060: Trigonometry 📖 College Prep is posted as "Leadership & Character Education" 		All college courses are semester courses. Three college credits earns one full high school credit. Students have access to DSU's fall and spring courses as long as they have met prerequisites for the desired courses. Refer to DSU's catalog at dixie.edu.

Most students will have credits issued by their boundary school on their transcript, but they technically are not considered students at those schools since their diploma is issued by SUCCESS. Boundary classes are taken on a quarterly basis and grades will reflect this. Student schedules will not vary widely 10th and 11th grades, because they are sequestered in one building and have the above set curriculum. Juniors have the option to veer from the above curriculum and take additional or substitute college courses out on campus if approved by their counselor. This will depend upon their grades and demonstrated maturity in class. Please contact counselors with any questions about the transcript.

COURSEWORK IN CIT COHORTS

10 TH GRADE		11 TH GRADE		12 TH GRADE
Semester 1 Lang Arts 10 Web Dev I CE Design 1100 CE Finance 1750 CE Hum 1010 CE Math 1000	Semester 2 Entrepreneurship CE History 1510 CE IT 1100 CE Math 1050 CE Web 1400	Semester 1 Science Research CE Art 1010 CE CS 1400 CE Design 1300 CE Math 1040	Semester 2 Science Research CE CS IT 1200 CE English 1010 CE History 1700 CE Math 1060	Students take college courses on DSU's campus that complete graduation requirements and fit their 4 year college and career plan
Key for Transcript <ul style="list-style-type: none"> Design 1100 - Intro to Digital Design 		<ul style="list-style-type: none"> CS 1400 - Fundamentals of Programming CS 1410 - Object Oriented Programming 		All College Courses are semester courses.

<ul style="list-style-type: none">● Finance 1750 - Personal Finance● History 1510 - World History since 1500● IT 1100 - Intro to Unix/Linux● 🖥️ Web 1400 - Web Design I: Fundamentals	<ul style="list-style-type: none">● Design 1300 - Design I	Three college credits earns one full high school credit. Students have access to DSU's fall and spring courses as long as they have met prerequisites for the desired courses.
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