



Fall 2021 Mesa College CTE DSPS Summary

June 28, 2022

Context

Below is a summary of related Fall 2021 CTE and DSPS data for the San Diego Mesa College from the SDCCD Office of Institutional Effectiveness and Research's [2021-2022 DSPS Dashboard](#). Data was extracted from SDCCD's Institutional Research Datamart on 5/20/2022.

This summary is intended for CTE professionals that are interested in **a base profile for SDCCD's CTE DSPS student population**. It is meant to help the exploration of interventions and collaboration with the DSPS department, especially those that are relevant to students' primary disability and other intersecting identities (age, gender, ethnicity). Volume of individuals receiving services is shown.

Certain commonalities and differences are presented so CTE and DSPS professionals can leverage overarching efforts as well as **identify opportunities for individualized CTE program services at the primary disability level**. Additional terms and filtering options are available on the [online dashboard](#) so further examination can be done for specific populations (e.g. Female CTE students receiving DSPS services for Mental Health disability). Due to the nature that CTE student interest and wrap-around services vary greatly by DSPS primary disability, further exploration of each population via the dashboard is recommended. The summary is centered around CTE DSPS students but includes comparisons to the overall DSPS student population and overall CTE student population.

Three categories are used:

CTE DSPS students – enrolled in at least **one CTE-related course** at Mesa College **and received DSPS services** that term.

All DSPS students – enrolled in at least **one course** at Mesa college **and received DSPS services** that term.

All CTE students – enrolled in at least **one CTE-related course** at Mesa College.

The summary is organized into four tables:

Table 1: Compares CTE DSPS students to the All DSPS students. It shows ways the CTE DSPS student population may differ in **primary disability or ethnicity** to the overall DSPS student population.

Table 2: Compares CTE DSPS students to All CTE students. It shows how the CTE DSPS student population may differ in **demographics, academic profile, enrollments, and outcomes** to the overall CTE student population.

Table 3: Provides the top 5 CTE subjects enrolled by CTE DSPS students and All CTE students.

Table 4: Provides the most enrolled CTE subject by CTE DSPS students for each primary disability. It also shows what percent that subject was of all CTE enrollments for that primary disability.

Table 1 Key Findings:

- 32% of DSPS students are enrolled in CTE-related coursework.
- There is a similar number of CTE students receiving DSPS services as the general student population (4%).
- CTE DSPS students' largest primary disability is Mental Health Disability (23%). The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.
- CTE DSPS has greater African American (+3%) and less white (-3%) representation than the DSPS student population.

Table 1. Overall CTE DSPS and DSPS Student Population

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	32% of DSPS students are enrolled in CTE-related coursework.	Fall 2021:	242	748
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2021:	4% of CTE students	4% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Mental Health, followed by Other. The CTE DSPS student population is fairly similar to the All DSPS student population.	Acquired Brain Injury: ADHD: Autism: Deaf and Hard Hearing: Intellectual Disability: Learning Disability: Mental Health Disability: Mobility Impaired: Visually Impaired: Other: Multiple Prime Disabilities:	2% 16% 10% 3% 2% 17% 23% 5% 2% 18% 2%	2% 18% 10% 2% 1% 17% 26% 4% 2% 15% 3%
Percent of DSPS students by Ethnicity	There is greater African American and less white CTE DSPS representation than the overall DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 10% 2% 36% 8% 31%	7% 9% 3% 36% 8% 34%

Table 2 Key Findings:

- There is more female CTE DSPS representation (63%) than All CTE students (56%).
- CTE DSPS had greater African American representation (+4%) and lower Latinx representation (-4%) than All CTE students.
- CTE DSPS student population is older. Few are under 18.
- Over half of CTE DSPS students are degree seekers and a quarter attempted full academic loads (12+ units).
- CTE DSPS and All CTE students had around 80% of CTE enrollments go past census, meaning 20% of enrollments did not.
- CTE DSPS students had similar completion but higher success (+5%) rates than the non-DSPS CTE students. CTE DSPS student GPA was slightly higher (+.28). However, outcomes vary greatly by primary disability, please observe in dashboard.

Table 2. CTE DSPS and all CTE student population – Demographics, Enrollment Patterns and Outcomes

CTE Student Populations				
Metric	Observation		CTE DSPS Students	All CTE Students
Gender (% Female)	CTE DSPS has more female representation than the overall CTE student population (+7%)	Fall 2021:	63%	56%
Percent of CTE students by Ethnicity (Fall 2021)	The CTE DSPS student population has greater African American (+4%) and less Latinx (-4%) representation than the general CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 10% 2% 36% 8% 31%	6% 10% 5% 40% 7% 29%
Age Group of CTE students (Fall 2021)	CTE DSPS student population has few students under 18 and more students 50 and older.	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	1% 53% 14% 11% 7% 6% 8%	3% 55% 17% 10% 6% 6% 4%
Previous Education of CTE students (Fall 2021)	CTE DSPS students have fewer bachelor's degrees (7% vs. 11%).	High School Associate Degree Bachelor's or Higher:	67% 4% 7%	69% 4% 11%

Table 2 cont. CTE DSPTS and all CTE student population – Demographics, Enrollment Patterns and Outcomes

CTE Student Populations				
Metric	Observation		CTE DSPTS Students	All CTE Students
Education Goal (Fall 2021)	Fewer CTE DSPTS students' education goal is to receive a degree and more are undecided than All CTE students. Over half are degree seeking (AA/AS or BA/BS).	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	10% 42% 9% 24%	9% 47% 12% 19%
Percent Attempt 12 or more Units	Slightly fewer CTE DSPTS students attempted 12 or more units (-3%).	Fall 2021:	24%	27%
Earned Similar Units Attempted (Fall 2021)	CTE DSPTS students that attempted fewer units (under 9) at Mesa had a higher rate of earning a similar amount than attempting over 9 units.	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	76% 77% 63% 66%	73% 65% 58% 68%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 4.1% of CTE enrollments past census.	Fall 2021:	436	10,542
Percent of CTE Enrollments that go past census	CTE DSPTS students enrolled in Fall continue slightly more past census (+3%).	Fall 2021:	80%	77%
Completion Rate (Average)	CTE DSPTS students have similar completion rates* .	Fall 2021:	88%	88%
Success Rate (Average)	CTE DSPTS students have higher success rates (+5%)*	Fall 2021:	80%	75%
GPA (Average)	CTE DSPTS grade point average is higher (+0.28).*	Fall 2021:	3.29	3.01

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 74%-97%, Success: 65%-88%, GPA: 3.04-4.00.

Tables 3 & 4 Key Findings:

- CTE DSPS and All CTE students most enrolled subjects are similar: Medical Assisting, Computer and Information Science, Fashion, Business.
- Top CTE enrollments vary greatly by DSPS primary disability, please observe in the dashboard for further exploration.

Table 3. CTE DSPS and all CTE student population – Top CTE Subjects Enrolled

Most Enrolled CTE Subjects				
Observation	Most Popular CTE subjects by CTE DSPS Enrollment	# of CTE DSPS Enrollments	Most Popular CTE subjects by CTE Enrollment	# of CTE Enrollments
Four of the top five most enrolled subjects are similar.	Medical Assisting	42	Business	1,277
	Health Information Technology	41	Computer and Info Sciences	947
	Computer and Info Sciences	35	Accounting	872
	Fashion	31	Fashion	674
	Business	30	Medical Assisting	674

Table 4. CTE DSPS – Top CTE Subject Enrolled by Primary Disability

CTE Student Populations				
Observation	Primary Disability	CTE Subject	# of Enrollments by Primary Disability	% of Primary Disabilities' CTE Enrollments
CTE subjects studied by each primary disability student population varies greatly. The dashboard is recommended for further exploration.	Acquired Brain Injury:	Computer and Information Science	2	50%
	ADHD:	Fashion	11	18%
	Autism:	Multimedia	12	39%
	Deaf and Hard Hearing:	Architecture	3	23%
	Intellectual Disability:	Culinary Arts/Culinary Management	3	33%
	Learning Disability:	Medical Assisting	11	16%
	Mental Health Disability:	Veterinary Technology	22	18%
	Mobility Impaired:	Architecture; Health Info; Buss	3	16%
	Visually Impaired:	Child Development; Health InfoTech	3	27%
	Other:	Health Information Technology	17	19%
Multiple Prime Disabilities:	Computer and Information Science	4	50%	