



Fall 2021 Miramar College CTE DSPS Summary

June 28, 2022

Context

Below is a summary of related Fall 2021 CTE and DSPS data for San Diego Miramar 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 Miramar College **and received DSPS services** that term.

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

All CTE students – enrolled in at least **one CTE-related course** at Miramar 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:

- 33% 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 (2%-3%).
- CTE DSPS students' largest primary disability is Learning Disability (24%). This is 3% higher than the general DSPS student population. CTE DSPS primary disability representation varies slightly from DSPS' overall representation.
- CTE DSPS has lower Asian (-3%) and higher white (+4%) 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	33% of DSPS students are enrolled in CTE-related coursework.	Fall 2021:	142	430
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2021:	2% of CTE students	3% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Learning Disability. The CTE DSPS student population has slightly more representation of Autism (+4%), Learning Disability (+3%), and less representation of Mental Health Disability (-3%).	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% 18% 16% 1% 2% 24% 20% 4% 1% 7% 6%	2% 18% 12% 2% 1% 21% 23% 4% 1% 10% 6%
Percent of DSPS students by Ethnicity	CTE DSPS has less Asian (-3%) and greater white (+4%) representation than the overall DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	6% 7% 1% 26% 13% 45%	4% 10% 3% 28% 10% 41%

Table 2 Key Findings:

- There is more female CTE DSPS representation (52%) than CTE students (39%).
- CTE DSPS had less Asian (-3%), Filipino (-3%), and Latinx (-6%) while greater Multi-ethnicity (+7%) and white (+6%) representation.
- CTE DSPS population is very concentrated between the 18-24 age group. There is little representation of under 18.
- Over half of CTE DSPS students are degree seekers and fewer hold Bachelor's. More attempted full academic loads (+7%).
- CTE DSPS and All CTE students had 72%-75% of CTE enrollments go past census, meaning 25% of enrollments did not.
- CTE DSPS students had lower completion (-4%) and success (-4%) rates than the non-DSPS CTE students. CTE DSPS student GPA was slightly lower (-.11). 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 (+13%).	Fall 2021:	52%	39%
Percent of CTE students by Ethnicity (Fall 2021)	CTE DSPS student population has less Asian (-3%), Filipino (-3%), Latinx (-6%) while showing greater Multi-ethnicity (+7%) and white (+6%) representation than the overall CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	6% 7% 1% 26% 13% 45%	5% 10% 4% 32% 6% 39%
Age Group of CTE students (Fall 2021)	Nearly two-thirds of CTE DSPS students are 18-24 and has less representation of every other age group than the overall CTE student population, especially under 18 individuals.	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	0% 64% 12% 8% 4% 8% 5%	7% 37% 16% 13% 10% 11% 8%
Previous Education of CTE students (Fall 2021)	CTE DSPS students have fewer bachelor's degrees (4% vs. 22%).	High School Associate Degree Bachelor's or Higher:	72% 5% 4%	57% 6% 22%

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)	Nearly 50% of CTE DSPTS students are seeking a bachelor's while the overall CTE student population is 31%.	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	13% 49% 11% 20%	7% 31% 16% 19%
Percent Attempt 12 or more Units	More CTE DSPTS students attempted a full course load (+7%).	Fall 2021:	21%	14%
Earned Similar Units Attempted (Fall 2021)	CTE DSPTS students earning units attempted at Miramar are highest when it is few units (under 6) or full time (12 or more units) .	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	79% 57% 52% 77%	76% 66% 72% 68%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 2.0% of CTE enrollments past census.	Fall 2021:	207	10,153
Percent of CTE Enrollments that go past census	CTE DSPTS students continue past census at slightly higher rates (+3%).	Fall 2021:	75%	72%
Completion Rate (Average)	CTE DSPTS students have lower completion rates (-4%).*	Fall 2021:	89%	93%
Success Rate (Average)	CTE DSPTS students have lower success rates (-4%).*	Fall 2021:	80%	84%
GPA (Average)	CTE DSPTS grade point average is slightly lower (-.11).*	Fall 2021:	2.99	3.10

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 83%-100%, Success: 57%-100%, GPA: 1.89-4.00.

Tables 3 & 4 Key Findings:

- CTE DSPS and All CTE students most enrolled subjects are similar: Child Development, Business, Fire Protection Technology, Administration of Justice.
- Top CTE enrollments vary greatly by DSPS primary disability. 22% of Learning Disability enrollments were in Fire Protection Technology. Enrollments vary greatly by primary disability, please observe in dashboard.

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.	Child Development	34	Administration of Justice	3,256
	Business	21	Fire Protection Technology	1,237
	Fire Protection Technology	20	Business	1,083
	Computer Business Tech	17	Child Development	781
	Administration of Justice	15	Accounting	645

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:	Automotive Technology	3	43%
	ADHD:	Fire Protection Technology	7	18%
	Autism:	Computer Business Technology	7	23%
	Deaf and Hard Hearing:	Comp. Inf. Sci.; Bus; Child Dev.; Acct.	1	25%
	Intellectual Disability:	Child Development; Comp. Bus. Tech	2	50%
	Learning Disability:	Fire Protection Technology	10	22%
	Mental Health Disability:	Accounting; Child Development	7	17%
	Mobility Impaired:	Fire Prot. Tech; Adm. of Justice	2	29%
	Visually Impaired:	Fire Prot. Tech.; Com Bus Tech	1	50%
	Other:	Business	5	33%
Multiple Prime Disabilities:	Child Development	3	27%	