



# Fall 2021 College of Continuing Education CTE DSPS Summary

June 28, 2022

## Context

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

All DSPS students – enrolled in at least **one course** at the College of Continuing Education **and received DSPS services** that term.

All CTE students – enrolled in at least **one CTE-related course** at the College of Continuing Education.

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, and enrollments** 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:**

- Only 29 CTE students also received DSPS services. 6% of DSPS students are enrolled in CTE-related coursework.
- Fewer CTE students receive DSPS services than the general student population (1% vs. 4%).
- CTE DSPS students' primary disabilities vary. Fewer are in Acquired Brain Injury or Intellectual Disability. A higher percentage receive services for Mental Health Disability (38%). Due to small numbers they are expected to vary greatly.
- CTE DSPS has higher Latinx and white representation than the DSPS student population (+12% and +9%).

*Table 1. Overall CTE DSPS and DSPS Student Population*

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	Few DSPS students are engaged in CTE coursework ( <b>6%</b> ).	Fall 2021:	29	473
Percent receive DSPS services of Respective Student Population	<b>Few CTE students receive DSPS services</b> compared to the Noncredit student population	Fall 2021:	1% of CTE students	4% of All students
Percent of DSPS students by Primary Disability	The CTE students that receive DSPS services differ than the general population. <b>Fewer are for Acquired Brain Injury or Intellectual Disability.</b> There are <b>more for Mental Health Disability.</b>	Acquired Brain Injury: ADHD: Autism: Deaf and Hard Hearing: Intellectual Disability: Learning Disability: Mental Health Disability: Mobility Impaired: Visually Impaired: Other: Multiple Prime Disabilities:	<b>14%</b> 0% 14% 17% <b>14%</b> 3% <b>21%</b> 0% 0% 17% 0%	<b>41%</b> 0% 8% 9% <b>26%</b> 3% <b>5%</b> 0% 2% 6% 0%
Percent of DSPS students by Ethnicity	<b>There is more Latinx and white CTE DSPS representation</b> than the general DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	7% 0% 3% <b>41%</b> 3% <b>45%</b>	7% 4% 4% <b>29%</b> 5% <b>36%</b>

**Table 2 Key Findings:**

- There is slightly more female CTE DSPS student representation (69%) than CTE students (64%).
- CTE DSPS no Asian representation and greater Latinx and white representation (+9% and +19%) than All CTE students.
- CTE DSPS student population is younger.
- Data is incomplete, but CTE DSPS students appears to have fewer degrees and their goal more career/degree related.
- Both CTE DSPS and All CTE students had 80-82% of CTE valid enrollments, meaning 18-20% of enrollments were not.
- CTE DSPS students with lowest valid enrollment rates received services for autism (60%), acquired brain injury (80%), and mental health disability (80%).

*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)	The CTE DSPS population has <b>slightly more female representation</b> (+5%).	Fall 2021:	69%	64%
Percent of CTE students by Ethnicity (Fall 2021)	The CTE DSPS population <b>had no Asian representation</b> and <b>more Latinx and white representation.</b>	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	7% <b>0%</b> 3% <b>41%</b> 3% <b>45%</b>	7% <b>15%</b> 6% <b>36%</b> 3% <b>26%</b>
Age Group of CTE students (Fall 2021)	<b>CTE DSPS student population is younger</b> than the overall CTE student population (Under 30: 31% vs. 20%).	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	0% <b>21%</b> 10% 17% 7% 21% 24%	0% <b>9%</b> 11% 15% 14% 20% 30%
Previous Education of CTE students (Fall 2021)	*Much data is unreported, but <b>data that is present suggest fewer CTE DSPS students have a degree.</b>	No Degree Associate Degree Bachelor's or Higher:	20% <b>0%</b> <b>0%</b>	18% <b>3%</b> <b>14%</b>

\* Unreported Previous Education percentages: DSPS CTE - 79%; All CTE - 65% unreported

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

CTE Student Populations				
Metric	Observation		CTE DSPTS Students	All CTE Students
Education Goal (Fall 2021)	* Much data is unreported, but data that is present suggests <b>the primary goal of CTE DSPTS students is Career/Degree related.</b>	High School/Basic Skills: Exploratory/Enrichment: Career/Degree Related: Noncredit to Credit Undecided/Unreported:	0% 0% 20% 0% 79%	2% 6% 25% 0% 65%
Number of CTE Enrollments (Valid Enrollments)	CTE Valid Enrollments by students receiving DSPTS services <b>is less than 1%.</b>	Fall 2021:	56	8,712
Percent of CTE Valid Enrollments	CTE DSPTS students <b>have a similar</b> drop with zero attendance hours or no attendance hours (82% vs. 80%).	Fall 2021:	82%	80%

.Note. Valid enrollments do not include drops with 0 attendance hours.

Table 2b. CTE DSPTS Enrollment Patterns

CTE Student Populations				
Metric	Observation		# of CTE Enrollments (Valid Enrollments)	% of CTE Enrollments (Valid Enrollments)
Number or Percent of CTE Valid Enrollments for DSPTS student population	CTE students with services for Autism have the lowest Valid Enrollment conversion rate (60%), followed by Acquired Brain Injury and Mental Health Disability (80%).	Acquired Brain Injury: ADHD: Autism: Deaf and Hard Hearing: Intellectual Disability: Learning Disability: Mental Health Disability: Mobility Impaired: Visually Impaired: Other: Multiple Prime Disabilities:	12 - 6 7 6 2 12 - - 11 -	<b>80%</b> - <b>60%</b> 100% 86% 100% <b>80%</b> - - 92% -

**Tables 3 & 4 Key Findings:**

- Both CTE DSPS and All CTE students have Office Systems and Communications as two of their most enrolled CTE subjects.
- Top CTE enrollments vary greatly by DSPS primary disability, this is mostly due to enrollment patterns by individuals. 25% of Mental Health Disability enrollments were in Office Systems and another 25% in Automotive Technology. All Learning Disability enrollments (2) were in Computer and Information Science.

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

<b>Most Enrolled CTE Subjects</b>				
<b>Observation</b>	<b>Most Popular CTE subjects by CTE DSPS Enrollment</b>	<b># of CTE DSPS Enrollments</b>	<b>Most Popular CTE subjects by CTE Enrollment</b>	<b># of CTE Enrollments</b>
Two most enrolled subjects are Office Systems and Communications.	Office Systems: Foods and Nutrition: Communications: Industrial Technology: Automotive Technology:	<b>23</b> 7 <b>6</b> 4 4	Office Systems: Computer and Information Sci.: Communications: Human Development: Business Management:	<b>1,820</b> 1,460 <b>874</b> 723 622

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

<b>CTE Student Populations</b>				
<b>Observation</b>	<b>Primary Disability and CTE Subject</b>		<b># of Enrollments by Primary Disability</b>	<b>% of Primary Disabilities' CTE Enrollments</b>
Due to low enrollments with recorded DSPS services, subject trends are connected to enrollments by individuals.	Acquired Brain Injury:	Office Systems	9	75%
	ADHD:	-	-	-
	Autism:	Office Systems	4	67%
	Deaf and Hard Hearing:	Communications	3	43%
	Intellectual Disability:	Food and Nutrition	4	67%
	Learning Disability:	Computer and Information Science	<b>2</b>	<b>100%</b>
	Mental Health Disability:	Office Systems; Automotive Tech.	<b>3</b>	<b>25%</b>
	Mobility Impaired:	-	-	-
	Visually Impaired:	-	-	-
	Other:	Office Systems	6	55%
Multiple Prime Disabilities:	-	-	-	