

College and Career Readiness: Course Enrollment, 2015-16

Jin H. Zhang, Ph.D.

EA16-520-4.1

At-a-Glance

To help students achieve their higher education goals, the College and Career Readiness Department of the Dallas Independent School District (Dallas ISD) works closely with community and business partners, and local colleges and universities. The department provides a wide range of college preparatory tools and services for students and their families which include the following programs and initiatives: Advanced Placement (AP), Pre-Advanced Placement (Pre-AP), International Baccalaureate (IB) and International Scholars (IS), Career and Technical Education (CTE), Advancement Via Individual Determination (AVID), and Career Portals/Exploring College and Careers.

Academic Programs

Advanced Placement (AP)

Advanced Placement (AP) is a program created by the College Board which offers college-level curricula and examinations to high school students. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations. The AP curriculum for each of the various subjects is created for the College Board by a panel of experts and college-level educators in that field of study. AP and Pre-AP courses are open to all students who wish to enroll in them.

Pre-Advanced Placement (Pre-AP)

Pre-AP is based on the following two important premises. The first is the expectation that all students can perform well at rigorous academic levels. The second premise of Pre-AP is the belief that all students can prepare for higher intellectual engagement by starting the development of skills and acquisition of knowledge as early as possible in the middle and high school years.

International Baccalaureate

The IB program emphasizes the intellectual, personal, emotional, and social development of students.

Diploma Programme (grades 11 and 12)

In Dallas ISD, Woodrow Wilson High School is currently the only campus offering the Diploma Programme in grades 11 and 12; Hillcrest will be the second high school.

International Scholars (grades 9 and 10)

Dallas ISD-developed International Scholars courses are only available at Woodrow Wilson High School in grades 9 and 10 for students intending to pursue the IB Diploma Programme.

Career and Technical Education (CTE)

Career and Technical Education prepares youth for a wide range of high-wage, high-skill, high-demand careers. The Department of Labor organizes all jobs into 16 Career Clusters. In 2015-16, Dallas ISD high schools offered 196 CTE pathways across all career clusters, including engineering, information technology, health science, business, and finance.

Career Portals/Exploring College and Careers (Middle School)

The goal of the Career Portals/Exploring College and careers courses is to provide middle school students with a foundation for success in high school, future studies, and careers. Students explore college and career planning within the career clusters, and research labor market information, and learn job-seeking skills. These courses assist students in selecting their high school Endorsement(s).

Advancement Via Individual Determination

The AVID program is designed to prepare all students for college starting with this core elective class. The course targets students in the academic middle (with grades of B, C, and D), who are capable of completing rigorous curriculum and willing to go to college.

Course Enrollment

Tables 1 and 2 show the number of secondary course enrollments by course type. Students represented in these tables could be counted more than once if they were enrolled in multiple courses within each type. Overall, there was a slight difference between fall total enrollments and spring total enrollments. Differences would not be large because most courses were one-year courses.

Table 1: College and Career Readiness Course Enrollment by Course Type - Fall 2015-16

Course Type	Ethnicity				Special Groups		
	All	Hispanic	Black	White	Others	ELL	SpecEd
H.S. AP	21,299	13,623	3,924	2,540	1,212	1,222	145
H.S.Pre-AP	30,045	20,812	5,652	2,554	1,025	3,391	262
M.S./H.S.Pre-AP*	1,699	1,291	246	121	41	331	58
M.S.Pre-AP	20,711	14,450	3,565	2,072	624	6,752	202
H.S.IB	529	163	58	274	34	7	4
H.S.Int. Scholars	578	152	54	346	26	12	5
CTE	40,107	28,699	9,250	1,264	887	10,206	2,809
Career Portals	2,270	1,709	486	45	30	1,028	153
AVID	2,966	2,283	542	94	47	892	49
Total	120,204	83,182	23,777	9,310	3,926	23,841	3,687

*These courses include Algebra I, Physics, and Astronomy.

Table 2: College and Career Readiness Course Enrollment by Course Type - Spring 2015-16

Course Type	All	Ethnicity				Special Groups	
		Hispanic	Black	White	Others	ELL	SpecEd
H.S. AP	20,223	12,974	3,570	2,495	1,173	1,093	129
H.S.Pre-AP	28,858	20,127	5,319	2,446	937	3,274	243
M.S./H.S.Pre-AP*	1,611	1,224	227	115	40	302	54
M.S.Pre-AP	20,637	14,445	3,500	2,003	647	6,748	171
H.S.IB	300	89	29	163	19	4	0
H.S.Int. Scholars	582	149	51	353	26	11	4
CTE	38,513	27,574	8,680	1,211	867	9,568	2,537
Career Portals	2,440	1,817	510	45	41	1,179	183
AVID	2,911	2,259	502	99	44	881	49
Total	116,075	80,658	22,388	8,930	3,794	23,060	3,370

*These courses include Algebra I, Physics, and Astronomy.

Tables 3 and 4 show student enrollment in College and Career Readiness courses by course type. In these tables, students were only counted once within each course type. The small difference in the number of students enrolled in the fall and spring, reflects the fact that the majority of the courses were one-year courses.

Table 3: College and Career Readiness Course Enrollment, Unduplicated Student Counts by Course Type - Fall 2015-16

Course Type	All	Ethnicity				Special Groups	
		Hispanic	Black	White	Others	ELL	SpecEd
H.S. AP	10,407	6,836	1,977	1,125	434	805	90
H.S.Pre-AP	13,785	9,660	2,617	1,023	404	1,934	167
M.S./H.S.Pre-AP*	1,614	1,232	229	98	36	326	55
M.S.Pre-AP	10,456	7,579	1,701	850	283	3,794	121
H.S.IB	89	28	9	47	5	1	0
H.S.Int. Scholars	160	47	14	91	7	5	2
CTE	29,648	21,083	6,616	957	656	7,910	2,169
Career Portals	2,186	1,640	451	42	29	986	145
AVID	2,986	2,295	534	98	45	900	51
Total	71,331	50,400	14,148	4,331	1,899	16,661	2,800

Table 4: College and Career Readiness Course Enrollment, Unduplicated Student Counts by Course Type - Spring 2015-16

Course Type	All	Ethnicity				Special Groups	
		Hispanic	Black	White	Others	ELL	SpecEd
H.S. AP	9,809	6,510	1,769	1,091	417	716	82
H.S.Pre-AP	13,328	9,411	2,467	1,005	395	1,834	151
M.S./H.S.Pre-AP*	1,532	1,178	213	94	38	291	51
M.S.Pre-AP	10,350	7,492	1,683	843	284	3,744	112
H.S.IB	89	27	9	48	5	1	0
H.S.Int. Scholars	164	48	14	94	7	5	1
CTE	28,234	20,191	6,232	898	625	7,477	1,917
Career Portals	2,330	1,715	485	43	39	1,116	171
AVID	2,888	2,240	493	99	43	875	49
Total	68,724	48,812	13,365	4,215	1,853	16,059	2,534

*These courses include Algebra I, Physics, and Astronomy.

Evaluation Methods

The College and Career Readiness directors provided a list of 2015-16 College and Career Readiness secondary courses. The evaluator merged this file with district course files and demographic data. District Chancery demographic data retrieved on October 11, 2015 was used for fall enrollment and demographic data retrieved from January 19, 2016 was used for spring enrollment.

For more information, contact Program Evaluation at 972-925-6457.