



Research Brief #115

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Course Taking Patterns by Concurrently Enrolled Students: Fall 2015

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At the request of Academic Affairs, the office of Institutional Research, Planning and Institutional Effectiveness examined course taking patterns of concurrently enrolled high school students at College of the Canyons. Specifically, courses taken in the Fall 2015 semester by concurrently enrolled high school students from within the William S. Hart Union High School District and outside of the William S. Hart Union High School District were examined. High schools from within the William S. Hart Union High School District include:

- Valencia High School,
- Saugus High School,
- West Ranch High School,
- William S. Hart High School,
- Canyon High School,
- Golden Valley High School,
- Learning Post,
- Opportunities for Learning, and
- Academy of the Canyons

Results from this analysis will inform planning for College Now, dual enrollment, and other concurrent enrollment course offerings and programs.

Results:

Course Taking Patterns

Overall, there were 542 concurrent enrollments from the William S. Hart Union High School District at College of the Canyons. As indicated in Table 1, concurrently enrolled students from within the William S. Hart Union High School District (excluding Academy of the Canyons) took a variety of courses offered at College of the Canyons. The top ten courses in which they enrolled were: Political Science-150 (Introduction to American Government and Politics), NC.TUTR-094 (Noncredit Supervised Tutoring), Economics-201 (Macroeconomics), Spanish-101 (Elementary Spanish I), Sign Language-101 (American Sign Language I), Psychology-101 (Introduction to Psychology), Sociology-101 (Introduction to Sociology), History-111 (United States History I), History-112 (United States History II), and Spanish-102 (Elementary Spanish II). Please see Appendix A for concurrent enrollment by high school within the Hart District.

Table 1. Course Taking Patterns – Hart District (Fall 2015)

Course	Hart District Enrolled (N)	Course	Hart District Enrolled (N)	Course	Hart District Enrolled (N)
POLISC-150	49	BIOSCI-100	2	ENGL-271	1

Course	Hart District Enrolled (N)	Course	Hart District Enrolled (N)	Course	Hart District Enrolled (N)
NC.TUTR-094	38	BIOSCI-140	2	ENGR-110	1
ECON-201	33	CINEMA-122	2	ENVRMT-10	1
SPAN-101	27	DANCE-111	2	ENVRMT-104	1
SIGN-101	25	ENGR-114	2	FIRET-090	1
PSYCH-101	24	FIRETC-101	2	GEOL-102	1
SOCI-101	23	FRNCH-201	2	GEOL-103	1
HIST-111	22	GEOG-102	2	HLHSCI-149	1
HIST-112	21	GEOL-109	2	HLHSCI-150	1
SPAN-102	17	GERMAN-101	2	HLHSCI-151	1
ANTHRO-103	15	HIST-102	2	KPEA-185B	1
PHYSIC-101	15	HIST-161	2	KPEA-195B	1
ENGL-101	12	KPEA-125	2	MATH-211	1
MEA-100	12	MATH-104	2	MATH-212	1
MATH-213	9	PSYCH-235	2	MATH-214	1
PHILOS-101	9	SOCI-200	2	MATH-215	1
SIGN-102	8	SPAN-150	2	MEA-108	1
COMS-105	7	ADMJUS-101	1	MEA-159	1
ENGL-103	7	ADMJUS-110	1	MUSIC-106	1
MUSIC-165	7	ART-124A	1	MUSIC-107	1
CHEM-151	5	ART-220	1	MUSIC-120A	1
CHNESE-101	5	ASTRON-100	1	PARLGL-101	1
MATH-140	5	ASTRON-102	1	PHILOS-102	1
HLHSCI-100	4	BIOSCI-106	1	PHOTO-092L	1
MATH-070	4	BUS-211	1	PHOTO-140	1
MATH-103	4	CAWT-101	1	PHOTO-150	1
PSYCH-172	4	CAWT-170	1	PHOTO-160	1
SOCI-105	4	CINEMA-120	1	PHYSICI-101	1
ANTHRO-101	3	CINEMA-131	1	PHYSIC-220	1
ART-205	3	COMS-260	1	PHYSIC-221	1
BUS-100	3	CULARTS-050	1	POLISC-210	1
CINEMA-123	3	CULARTS-055	1	PSYCH-126	1
CMPSCI-111	3	DANCE-100	1	PSYCH-240	1
CMPSCI-111L	3	DANCE-161	1	REAL-101	1
FRNCH-101	3	ECE-101	1	REAL-115	1
GMD-101	3	ECON-202	1	REAL-120	1
MATH-102	3	ECON-291	1	SOCI-110	1
PHILOS-106	3	ENGL-091	1	SOCI-230	1
ART-110	2	ENGL-261	1	WELD-114A	1

Overall, there were 961 concurrent enrollments from Academy of the Canyons at College of the Canyons. As indicated in Table 2, concurrently enrolled students from Academy of the Canyons took a variety of courses offered at College of the Canyons. The top ten courses in which they enrolled were: NC.TUTR-094 (Noncredit Supervised Tutoring), Computer Applications and Web Technologies-140 (Microsoft Office), Math-211 (Calculus I), Math-102 (Trigonometry), Chemistry-151 (Preparatory General Chemistry), Art-110 (Paleolithic to Renaissance), Kinesiology-100 (Physical Fitness Lab), Kinseology-107 (Stretching for Flexibility and Relaxation), Biological Sciences-107 (Molecular and Cellular Biology), and Kinesiology-150 (Beginning Basketball).

Table 2. Course Taking Patterns– Academy of the Canyons (Fall 2015)

Course	AOC Enrolled (N)	Course	AOC Enrolled (N)	Course	AOC Enrolled (N)
NC.TUTR-094	102	KPEA-150B	5	CHEM-110	1
CAWT-140	83	PHOTO-140	5	CINEMA-122	1
MATH-211	47	ANTHRO-101	4	DANCE-134	1
MATH-102	41	HLHSCI-149	4	ECE-151	1
CHEM-151	39	HLHSCI-150	4	ENGL-135	1
ART-110	34	KPEA-100B	4	ENGR-101	1
KPEA-100A	34	PHYSIC-110	4	GERMAN-101	1
KPEA-107	33	PHYSIC-220	4	GMD-120	1
BIOSCI-107	31	PHYSIC-221	4	GMD-173	1
KPEA-150A	28	BUS-100	3	HLHSCI-100	1
MATH-104	27	GEOG-101L	3	HRMGT-101	1
CINEMA-120	24	KPEA-101A	3	ITAL-101	1
KPEA-125	23	MATH-075	3	KPEA-101B	1
KPEA-185A	23	PHILOS-101	3	KPEA-102	1
MATH-070	18	THEATR-110	3	KPEA-150C	1
HIST-111	16	ADMJUS-125	2	KPEA-195C	1
HIST-112	16	CHNESE-101	2	KPET-212	1
MATH-213	15	DANCE-141	2	MATH-083	1
MUSIC-107	15	GEOL-100	2	MATH-103	1
MEA-102	14	GEOL-101	2	MATH-240	1
MATH-140	12	MATH-060	2	MEA-108	1
MATH-212	11	MEA-100	2	MEA-110	1
PSYCH-101	11	MUSIC-165	2	MEA-111	1
BIOSCI-106	10	PHILOS-106	2	MEA-135	1
KPEA-195A	10	PHYSICI-101	2	MUSIC-104	1
SPAN-101	10	PHYSIC-222	2	MUSIC-120B	1
DANCE-100	9	PSYCH-126	2	MUSIC-153	1
COMS-105	8	ADMJUS-135	1	MUSIC-189	1
CMPSCI-111	7	ADMJUS-175	1	MUSIC-190	1
CMPSCI-111L	7	ANTHRO-103	1	POLISC-250	1

Course	AOC Enrolled (N)	Course	AOC Enrolled (N)	Course	AOC Enrolled (N)
KPEA-185B	7	ANTHRO-210	1	PSYCH-104	1
PSYCH-102	7	ART-124A	1	PSYCH-105	1
PSYCH-172	7	ART-141	1	PSYCH-235	1
SOCI-101	7	ASTRON-100	1	PSYCH-240	1
ART-111	6	BIOSCI-205	1	SOCI-103	1
BIOSCI-100	6	BUS-082	1	SOCI-105	1
FRNCH-101	6	BUS-084	1	SOCI-110	1
GEOG-101	6	BUS-110	1	SOCI-200	1
KPEA-101A	6	BUS-156	1	THEATR-141	1
SIGN-101	6	BUS-157	1	WELD-092	1
CHEM-201	5	CAWT-074	1		

Overall, there were 208 concurrent enrollments from outside of the William S. Hart Union High School District at College of the Canyons. As indicated in Table 3, concurrently enrolled students from outside of the William S. Hart Union High School District took a variety of courses offered at College of the Canyons. The top ten courses in which they enrolled were: Fire Training-090 (County of Los Angeles Fire Department Explorer Academy), Music-165 (Symphony of the Canyons), Political Science-150 (Introduction to American Government and Politics), NC.TUTR-094 (Noncredit Supervised Tutoring), Spanish-101 (Elementary Spanish I), History-112 (United States History II), Sign Language-101 (American Sign Language I), Communication Studies-105 (Fundamentals of Public Speaking), English-101 (English Composition), and History-111 (United States History I).

Table 3. Course Taking Patterns – Outside the Hart District (Fall 2015). Note: *While FIRET-090 is an ISA course, concurrent students are able to enroll in it.

Course	Other Districts Enrolled (N)	Course	Other Districts Enrolled (N)	Course	Other Districts Enrolled (N)
FIRET-090*	23	FRNCH-101	2	GMD-120	1
MUSIC-165	15	FRNCH-201	2	HIST-101	1
POLISC-150	14	HIST-161	2	HLHSCI-150	1
NC.TUTR-094	10	MATH-075	2	ITAL-101	1
SPAN-101	9	MATH-140	2	KPEA-150A	1
HIST-112	6	MEA-100	2	KPEA-185A	1
SIGN-101	6	PHOTO-140	2	MATH-083	1
COMS-105	5	PHOTO-150	2	MATH-102	1
ENGL-101	5	ADMJUS-135	1	MATH-103	1
HIST-111	5	ANTHRO-103	1	MEA-110	1
ART-124A	4	ANTHRO-220	1	MFGT-090	1
HLHSCI-100	4	ART-110	1	MUSIC-100	1
CINEMA-121	3	BIOSCI-106	1	MUSIC-112	1
COUNSL-111	3	BUS-201	1	MUSIC-140	1

Course	Other Districts Enrolled (N)	Course	Other Districts Enrolled (N)	Course	Other Districts Enrolled (N)
MEA-120	3	CAWT-101	1	MUSIC-141	1
MUSIC-105	3	CINEMA-123	1	MUSIC-175	1
PSYCH-101	3	CMPNET-132	1	PARLGL-101	1
SOCI-101	3	COMS-225	1	PARLGL-104	1
ANTHRO-101	2	COMS-260	1	PHILOS-106	1
ANTHRO-101L	2	COUNS-120	1	PHOTO-140	1
ART-111	2	DANCE-131	1	PHILOS-106	1
BIOSCI-100	2	DANCE-134	1	PSYCH-172	1
BUS-100	2	ECE-101	1	SIGN-103	1
CHNESE-101	2	ECON-170	1	SIGN-113	1
ECON-201	2	ENGL-271	1	SOCI-103	1
ENGL-091	2	GEOL-101	1	SPAN-201	1
ENGL-103	2	GEOL-109	1	THEATR-110	1
ENGL-260	2	GERMAN-101	1	THEATR-140	1

Recommendations

- Consider the results when scheduling course offerings for College Now and to accommodate course needs for concurrently and dually enrolled high school students.

Methods

To conduct the analysis, Fall 2015 enrollment and current high school data were obtained from the Chancellor's Office 320 files and MIS. To perform the analysis data were analyzed using the Statistical Package for the Social Science (SPSS, 2015) and Microsoft Excel (2013).

For more detailed information on this research brief, stop by the Institutional Research office located in BONH-224, or call Daylene Meuschke, Dean of Institutional Research, Planning, and Institutional Effectiveness at 661.362.5329.

Action Implications

Upon review of the Course Taking Patterns by Concurrently Enrolled Students -Fall 2015 research brief, the following actions are being taken:

- To ensure continuity of College Now offerings, College of the Canyons will request College Now sections from the various William S. Hart Union High School district sites for both Fall and Spring semesters simultaneously.
- The Office of Academic Affairs will work to ensure that sufficient high demand courses are available during both winter and summer intersession as well as afternoons and evenings of regular terms for concurrently enrolled students.
- To avoid duplication of course offerings with similar high school courses, the Office of Academic Affairs will work with the Hart District leadership team to offer College Now courses outside of the Hart District course catalog of elective offerings.
- To ensure opportunities for dual enrollment exist for Hart District students participating in the California Career Pathways Trust (CCPT) grant pathways, the Office of Academic Affairs will amend the request form to allow Hart District school sites to identify if requested College Now courses are part of a CCPT pathway or an A-G/General Education offering.