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Common G.E. Courses among Native COC ADT Completers: 2016-2017

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At the request of the Canyons Completes team, the Office of Institutional Research, Planning and Institutional Effectiveness identified the most common General Education (G. E.) courses successfully completed among College of the Canyons (COC) students within Associate Degree for Transfer (ADT) declared majors. This analysis further aims to identify the most common G.E. courses across ADT majors, specifically, among “native COC students” (students with college level units originating *only* from College of the Canyons). The research question is; what are the most common G.E. courses taken by Native COC ADT earners, and how do they differ from Non-Native COC ADT earners?

Method

The data regarding 2016-2017 student enrollment and units was retrieved from the “Active Student Enrollment” Informer report. Data regarding student grades was retrieved from the “Grades by Subject” Informer report. A student was designated as a “native COC student” if their cumulative units were equal to their COC cumulative units earned. Success was defined as students whose course grade was a “C” or higher or a “P” (pass). Only 10 of the total available 20 ADT majors are included in the analysis as the other 10 majors were excluded for having less than 10 degree completers each.

Results

Comparison of Top 10 G.E. Courses Completed Among Native vs. Non-Native COC ADT Completers

Native COC and non-native COC completers overlapped on 9 out of the 10 top G.E. Courses. The top course taken by Native COC ADT completers was ENGL-101 followed by COMS-105 and PSYCH-101. The top courses taken by Non-Native COC ADT completers was COMS-105, followed by POLISC-150 and MATH-140.

*Table 1 Top 10 G.E. Courses Successfully Completed Among Native vs. Non Native COC ADT Completers (N = 665). *Includes both Native and Non-Native COC ADT completers*

Ranking	Course Name	Native COC Students (N = 422)	Overlapping	Non Native COC Students (N= 243)
1st	ENGL-101	408	X	147
2nd	COMS-105	397	X	193
3rd	PSYCH-101	312	X	110
4th	POLISC-150	308	X	182
5th	MATH-140	306	X	148
6th	HIST-111	283	X	135
7th	SOCI-101	258	X	103
8th	HLHSCI-100	249	X	104
9th	ENGL-103	241	X	134
10th	ENGL-091	215		MATH-075 (n= 83)

COMS-105, ENGL-101, and MATH-140 were the most popular G.E. courses for native COC students as they appear in the top 10 across 10 of the largest ADT majors. POLISC-150 appears within the top 10 G.E. courses across 8 of the 10 largest ADT majors (Figure 1).

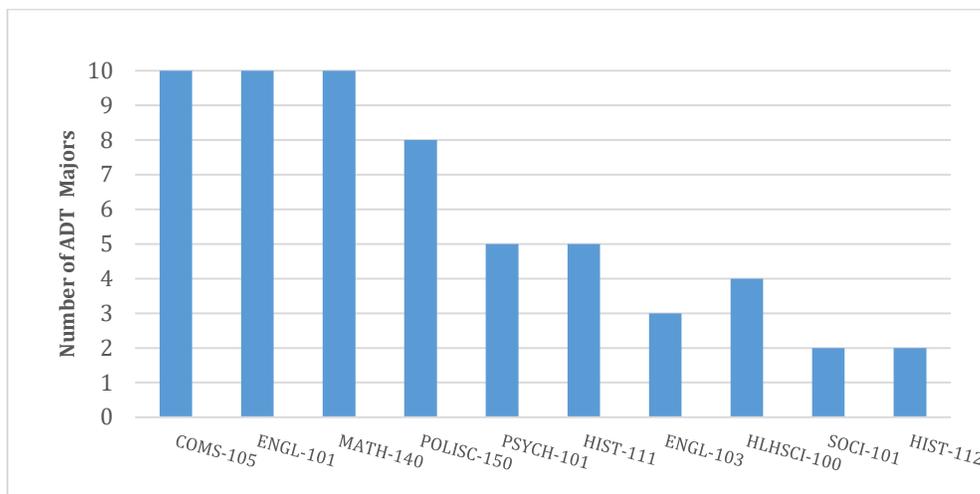


Figure 1 Number of Times a G.E. Course was in the Top 10 Across the Largest 10 ADT Majors. *Excludes all ADT majors with less than 10 degree completers.

COMS-105 appears within the **top 5** popular G.E. courses across all 10 ADT majors (Table 2). ENGL-101 appears within the **top 5** popular G.E. courses across 7 of the 10 ADT majors. MATH-140 appears within the **top 5** popular G.E. courses across 4 of the 10 ADT majors. PSYCH-101 appears within the **top 5** popular G.E. courses across 3 of the 10 ADT majors.

Table 2 Top 10 Successfully Completed G.E. Courses Among “Native” COC Students by ADT Major. *excludes all ADT majors with less than 10 degree completers.

Major	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
Admin Justice Studies for Transfer N= 44	ENGL-101 (n= 43)	SOCI-101 (n=43)	COMS-105 (n=42)	PSYCH-101 (n=42)	MATH-140 (n=38)	POLISC-150 (n=34)	ENGL-103 (n=34)	HIST-111 (n=30)	HLHSCI-100 (n=30)	HIST-112 (n=23)	
Communication Studies for Transfer N= 63	ENGL-101 (n= 63)	COMS-105 (n= 61)	COMS-246 (n= 50)	COMS-225 (n=48)	MATH-140 (n= 48)	POLISC-150 (n=48)	PSYCH-101 (n=41)	ANTHRO-101 (n=40)	HIST-111 (n=40)	MEA-100 (n=40)	
English Studies for Transfer N = 12	COMS-105 (n=12)	ENGL-110 (n=12)	ENGL-101 (n=11)	ENGL-103 (n=11)	ENGL-260 (n=9)	HIST-111 (n=9)	POLISC-150 (n=9)	ENGL-250 (n=8)	MATH-140 (n=8)	ENGL-251 (n=7)	ENGL-261 (n=7)
History for Transfer N = 27	HIST-102 (n=27)	HIST-111 (n=27)	COMS-105 (n=26)	ENGL-101 (n=26)	HIST-112 (n=25)	MATH-140 (n=23)	POLISC-150 (n=20)	HLHSCI-100 (n=18)	HIST-101 (n=16)	ANTHRO-101 (n=15)	HIST-120 (n=15)
Kinesiology Studies for Transfer N = 13	COMS-105 (n=13)	ENGL-101 (n=13)	KPET-200 (n=13)	MATH-140 (n=13)	PSYCH-101 (n=13)	POLISC-150 (n=11)	BIOSCI-107 (n=9)	ENGL-103 (n=9)	CHEM-151 (n=8)	HLHSCI-100 (n=8)	KPEA-185A (n=8)
Mathematics for Transfer N = 22	MATH-211 (n=22)	MATH-213 (n=22)	PHYSIC-220 (n=22)	COMS-105 (n=21)	MATH-212 (n=21)	PHYSIC-221 (n=21)	MATH-140 (n=20)	MATH-214 (n=19)	ENGL-101 (n=17)	PHYSIC-222 (n= 17)	
Physics for Transfer N = 26	COMS-105 (n=26)	MATH-211 (n=26)	MATH-212 (n=26)	MATH-213 (n=26)	PHYSIC-220 (n= 26)	PHYSIC-221 (N=26)	PHYSIC-222 (N=26)	MATH-140 (N=24)	ENGL-101 (N=21)	MATH-102 (N=20)	MATH-215 (N=20)
Political Science for Transfer N = 11	COMS-105 (n=11)	POLISC-150 (n=11)	POLISCI-230 (N=11)	POLISCI-250 (N=11)	POLISCI-270 (N=11)	ENGL-101 (N=10)	MATH-140 (N=10)	POLISCI-200 (N=9)	HIST-111 (N=8)	POLISC-290 (N=8)	
Psychology for Transfer N= 123	PSYCH-102 (N=123)	PSYCH-103 (N=123)	ENGL-101 (n=120)	PSYCH-101 (n=42)	COMS-105 (N=115)	PSYCH-172 (N=108)	MATH-140 (N=85)	POLISC-150 (N=84)	HIST-111 (N=79)	ENGL-103 (N=71)	
Sociology for Transfer N = 64	SOCI-102 (N=64)	ENGL-101 (N=63)	SOCI-101 (N=62)	COMS-105 (N=56)	MATH-140 (55)	POLISC-150 (49)	SOCI-103 (N=46)	SOCI-200 (N=43)	HLHSCI-100 (N=42)	PSYCH-101 (N=42)	

Recommendations

Upon review of the most frequently completed General Education (GE) courses among students who completed an ADT in 2016-17, the following recommendations should be taken into consideration:

- Consider these results in the planning of courses and sections to be offered each semester and in the planning of the sizes of sections offered.
- Consider these results during the planning of curricular maps and meta-majors as part of the Canyons Completes (Guided Pathways) efforts.

For more detailed information on this research brief, stop by the Institutional Research, Planning, and Institutional Effectiveness office located in BONH-224, or contact Vida M. Manzo, Senior Research Analyst at 661.362.5871, or Daylene Meuschke, Dean of Institutional Research, Planning and Institutional Effectiveness at 661.362.5329.