

A Profile of Frontier High School Graduates at Hilbert College

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Introduction

This report was prepared at the request of Peter Burns, Vice President for Enrollment Management, as a snapshot of those students who entered Hilbert College after graduating from Frontier High School. The data in this report focus on those students who entered Hilbert as degree-seeking First-Time-College students.

The report focuses on the following:

- FTC Applicants (F08 – F13) with numbers withdrawn, rejected, accepted and enrolled.
- Fall-to-Fall retention rates for FTCs F08 – F12
- Degrees and Majors of F08-F13 FTC enrollees
- Profile of test scores at admission: HS GPA, SATs, ELA, Math-A and Math-B
- Accuplacer writing placement scores with percent placed into remediation by cohorts F09 – F13
- Average grades in EN101 and EN102 for cohorts F09-F13
- Graduation numbers: Both percent graduation rate for F05-F09 FTC cohorts, percent graduating “on-time,” and total number of degrees awarded to FHS alumni between F07 and S14.

Data were obtained from student records via ARGOS and Powercampus databases.

Applicants from Frontier High School

Between the Fall 2008 and Fall 2013 terms, a total of 155 graduates of Frontier High School completed applications to attend Hilbert College as First-Time-College (FTC) freshmen. Approximately 45% subsequently withdrew their applications, most likely deciding to attend college elsewhere. Of the remaining 86 applications, 16 were rejected and 70 accepted for admission. Sixty-seven of those accepted matriculated. Table 1 shows that since Fall of 2010 there have been on average about 30 Frontier HS graduates applying for fall admission to Hilbert each year with about 43% of those students applying actually enrolled as FTC students each year.

Table 1. First-Time-College Applications and Actions by Fall Terms: 2008 - 2013

Term	Applications Completed	Withdrawn	Rejected	Accepted	Enrolled
2008 Fall	14	5	2	7	6
2009 Fall	17	7	1	9	8
2010 Fall	25	7	1	17	17
2011 Fall	40	19	5	16	16
2012 Fall	30	18	2	10	10
2013 Fall	29	13	5	11	10
TOTALS (%)	155 (100.0%)	69 (44.5%)	16 (10.3%)	70 (45.2%)	67 (43.2%)

Table 2 shows the fall-to-fall retention rates for FTC cohorts from Frontier HS since 2008. Overall, about 80% of the Frontier FTC students who enrolled as freshmen returned for their sophomore year.

Table 2. Fall-to-Fall Retention Rates

Cohort	Number Enrolled	Retained to Next Fall	
		Number	Percentage
F08 FTC	6	4	66.7%
F09 FTC	8	7	87.5%
F10 FTC	17	13	76.5%
F11 FTC	16	13	81.25%
F12 FTC	10	8	80.0%
F13 FTC	10	N/A	

Figure 1. Enrollments and Retention Rates for Frontier HS FTC Cohorts: Fall 2008-Fall 2012



Historically the most popular major at Hilbert College has been its renowned program in Criminal Justice. This has also been true for Frontier HS graduates enrolling at Hilbert as seen in Table 3. Other popular majors include Forensic Science/Crime Scene Investigation and Psychology.

Table 3. Degrees and Majors at Enrollment: Fall 2008 – Fall 2013

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Totals
AA - Criminal Justice				2	1		3
AA - Liberal Arts				1			1
AAS - Business Administration	1						1
AAS - Legal Studies/Paralegal Studies					1		1
BA - Digital Media and Communications				1			1
BA - English			2				2
BA - Psychology		1	3	4	4	4	16

BS - Accounting	2		1		2	1	6
BS - Business Administration				3	1		4
BS - Business Management						1	1
BS - Computer Security & Information Assurance	1				1	1	3
BS - Criminal Justice		6	6	6	3	5	26
BS - Forensic Science/Crime Scene Investigation	2	3	1	2	1	1	10
BS - Human Services			2				2
BS - Legal Studies/Paralegal Studies			1			1	2
BS - Liberal Studies			1	1			2
BS - Rehabilitation Services				2		1	3

Table 4 provides an overview of the test scores provided at the time of application by Frontier HS students who matriculated into Hilbert College as FTCs. It appears the “typical” student attending Hilbert from Frontier HS was a solid B student in high school with an average grade point of 82. Although Hilbert does not require SAT scores for admission, many high school students submit scores. Frontier students who matriculated over the past six years had a combined average of 928 on the verbal and quantitative parts of the SAT, scoring somewhat better on the quantitative part than on the verbal part. These students reported an average ELA score of 81 and an average Math-A score of 81.

Table 4. Test Scores of FTC Matriculates: Fall 2008 – Fall 2013

Cohort	HS GPA	SAT-Verbal	SAT-Math	ELA	Math-A	Math-B
Fall 2008	84.2	430	497	74.8	78.5	N/A
Fall 2009	83.4	429	467	79.1	84.6	N/A
Fall 2010	83.7	467	483	83.1	81.8	73.1
Fall 2011	80.1	467	468	82.4	83.9	63.1
Fall 2012	79.4	431	468	81.0	78.0	66.7
Fall 2013	85.2	444	495	84.7	80.2	74.9
Total	82.0	450	478	81.8	81.4	68.8

College Writing Placement Scores

Before starting classes at Hilbert College, admitted FTC students are expected to take placement tests in writing and math skills. These Accuplacer tests are administered locally and scored by the College Board. On the Essay test measures a student's ability to write effectively considering the characteristics of focus, organization, development and support of ideas, sentence structure, and mechanical conventions. Scores on the Essay test range from 1 to 8, with a score of 4 or below considered to be below the level expected for college writing. At Hilbert College students who score below a five on this placement test are enrolled in a non-credit course (EN100) intended to prepare them for college-level writing. Table 5 Shows the number of enrolled FTCs from Frontier HS who took the Accuplacer Essay test between Fall 2009 and Fall 2013, their average scores and the number and percent who scored below 5. Overall about 26% of the students matriculating from Frontier HS were enrolled in EN100 during their first or second semester.

Table 5. Accuplacer Writing Scores: Fall 2009 – Fall 2013

Cohort	Number Valid	Scored < 4	Percent placed in Remediation	Average Score
2009 Fall	8	1	12.5%	5.25
2010 Fall	16	4	25.0%	5.19
2011 Fall	15	5	33.3%	5.20
2012 Fall	9	4	44.4%	5.20
2013 Fall	9	2	22.2%	5.22
Overall	57	15	26.3%	5.21

Notes: Accuplacer Essay placement test ranges from 1 – 8. Scores equal to or less than 4 are considered to be writing below expected college entry levels.

College English Course Grades

Another way to consider the writing skills of college students is to look at the grades they receive in the two basic English courses that all or most students take as freshmen or sophomores.

EN101 (College Writing) is a writing-intensive course designed to develop college writing skills and introduce basic research techniques. This course (or equivalent) is required for all students.

EN102 (Writing in the Humanities) is designed to further students' writing abilities with special emphasis on the formal critical essay.

Table 6. shows the final grades of students who matriculated from Frontier HS in these two English courses. Grades have tended to average between a C+ (2.3) and B+ (3.3) between Fall 2009 and Fall 2013.

Also during this period, these students have completed an overall total of 147 credit bearing English courses (including course above EN101 and EN102) with an overall average grade of 2.9 (B).

Table 6. Final grades in English courses for students matriculating from Frontier HS

Cohort	EN101		EN102	
	<i>N</i>	<i>GPA</i>	<i>N</i>	<i>GPA</i>
2009 Fall	10	2.74	10	2.96
2010 Fall	18	2.32	14	2.67
2011 Fall	16	2.66	14	3.34
2012 Fall	9	2.44	8	2.66
2013 Fall	10	3.11	3	3.67

Graduation Numbers

Of the 52 Frontier HS graduates who matriculated at Hilbert as first-time-college students between Fall 2005 and Fall 2009, 29 (56%) have received a degree. Three of those 29 received an Associate Degree and 26 received a Bachelor Degree. Of those graduating, 23 or 79%, completed their degree in 100% time or less (4 years for Bachelors and 2 years for Associates).

If those students who are anticipating graduation at the completion of the 2014 spring term are included, there have been a total of 68 degrees awarded to Frontier HS alumni since Fall 2009: 8 Associates Degrees, 55 Bachelor's Degrees, and 2 Master's Degrees.

Since Fall 2007 the overall graduation rate has been 63% with the highest rate for any cohort occurring in the Fall 2007 cohort who had a graduation rate of 91%.