IUPUI 2010 First-Year Seminar Online Hybrid Report

- First-Year Seminar Online Hybrid courses require substantial online work and include five mandatory meetings. The purpose of this report is to: 1) determine the characteristics of students participating in the 2010 First-Year Seminar Hybrid Online Courses compared to students participating in *Regular* First-year Seminar courses (including standalone seminars and seminars that were part of a Learning Community or Themed Learning Community) and 2) enhance understanding of First-Year Seminar Hybrid Online students' academic performance levels and retention rates.

- A total of 143 Fall 2010 first-time, full-time (Indianapolis only) students participated in First-Year Seminar Hybrid Online Courses. There were a number of important differences between the students participating in Online Hybrid Seminars and the Regular First-Year Seminar students. Online Hybrid Seminar students had significantly lower SAT score and high school GPAs compared to students participating in Regular Seminars. Online Hybrid Seminar students tended to be female and low-income (as defined by whether or not the student received a Pell Grant). There was a higher proportion of African American students who participated in Online Hybrid Seminars (16%) compared to the cohort of seminar students (10%). Only 2 students who were 25 or older were enrolled in an On-Line Hybrid Seminar. See Table 1 for more detailed information about students participating in the Online Hybrid Seminars compared to Regular Seminar students.

- Students enrolled in Online Hybrid Seminar courses had significantly lower levels of academic success and were retained at lower rates compared to students enrolled in Regular First-Year Seminar courses. Results are displayed in Table 1.

- There was a great deal of variation between sections in terms of students' first-year GPAs and retention rates. Although students enrolled in some sections had high retention rates (79% and 87%) and performed better academically than expected based on their incoming high school grade performance and SAT scores, students in other sections had low retention rates (38%,39%,and 50%) and performed worse than expected academically. Results are displayed in Table 2.

Table 1. 2010 Online Hybrid Seminar: Student Characteristics and Academic Success Indicators (First-Time, Full-time Fall Beginners)

	Total N	Avg. H.S. GPA	Avg. SAT Score	% H.S. Honors Diploma	Avg. Course Load	Avg. Age	**Avg. Fall GPA**	**Fall DFW Rate**	**% First-Year GPA Below 2.0**	**First Year GPA**	**Fall- to-Fall Retention Rate**
All Other Seminars	2136	**3.31**	**1020**	**55%**	**13.76**	19.05	**2.84**	**15.83%**	**21%**	**2.70**	**76%**
Online Hybrid	143	**3.14**	**944**	**43%**	**13.15**	18.92	**2.39**	**25.58%**	**36%**	**2.26**	**56%**
Overall	2279	3.30	1015	54%	13.72	18.93	2.81	16.44%	22%	2.67	75%

	Female		African American		Latino		Pell Grant Recipient		Age 25 and Over	
	N	%	N	%	N	%	N	%	N	%
All Other Seminars	1241	**58%**	212	**10%**	94	4%	869	**41%**	18	1%
Online Hybrid	116	**81%**	23	**16%**	6	4%	73	**51%**	2	1%
Overall	1357	69%	235	10%	100	4%	942	41%	20	1%

Note 1: Missing cases were excluded from analyses.
Note 2: Students who Withdrew from or who were Administratively Withdrawn from the First-Year Seminar were excluded (N=66 students).
Note 3: Bolded items are significantly different based on independent samples t-test or chi-square results ($p < 05$).

Table 2. Fall 2010 Online Seminars by Section

	N	Average First-Year GPA	Adjusted First-Year GPA	Fall – Fall Retention Rate
4188 (English W131 link)	23	2.07	2.40	57%
4380 (COMM R110 link)	23	1.93	1.93	39%
4381	21	1.73	1.67	38%
4382	17	3.16	2.96	79%
4383	14	2.54	2.41	87%
4384	19	2.43	2.35	55%
29763 (English W131 link)	20	2.31	2.32	50%
Total	137	2.26		56%

Note 1: Missing cases were excluded from analyses.
Note 2: Students who Withdrew from or who were Administratively Withdrawn from the First-Year Seminar were excluded (N=3 students).
Note 3: Adjusted GPAs with High School GPAs and SAT scores entered as covariates.

Red = Lower Average First-Year GPA than Expected
Yellow = Same
Green = Higher Average First-Year GPA than Expected