

## Math Bridge Course Enrollment and Success 2011 - 2012

**Analysis:** MATH Bridge course enrollment got off to a very slow start, with only 30 total enrollments in its first one and a half years of implementation. Enrollment has grown most recently with 213 in Spring 2011, 235 in Fall 2011, and 319 in Spring 2012. For Spring 2011 and Fall 2011, both MATH0106 and MATH0112 bridge courses had significantly higher course success rates than their MATH0308 and MATH0312 counterparts. Same was true for the MATH0108 bridge course for Fall of 2011, but not for the prior Spring.

Table 1: Spring 2011 Bridge and Counterpart Math Courses Enrollment and Course Success Rates

		Successful Course Completion						compared to Reg. sig @ .01
		No		Yes		Total Attempts		
		Count	Row %	Count	Row %	Count	Row %	
course_u Unique Course	MATH0106	16	37.2%	27	62.8%	43	100.0%	sig @ .01
	MATH0108	47	64.4%	26	35.6%	73	100.0%	
	MATH0112	33	34.0%	64	66.0%	97	100.0%	
	MATH0306	1645	47.1%	1848	52.9%	3493	100.0%	
	MATH0308	1938	49.5%	1979	50.5%	3917	100.0%	
	MATH0312	1996	50.8%	1935	49.2%	3931	100.0%	
	Total	5675	49.1%	5879	50.9%	11554	100.0%	

Table 2: Fall 2011 Bridge and Counterpart Math Courses Enrollment and Course Success Rates

		Successful Course Completion						compared to Reg. sig @ .01
		No		Yes		Total Attempts		
		Count	Row N %	Count	Row N %	Count	Row N %	
course_u Unique Course	MATH0106	21	30.4%	48	69.6%	69	100.0%	sig @ .01
	MATH0108	36	47.4%	40	52.6%	76	100.0%	
	MATH0112	32	35.6%	58	64.4%	90	100.0%	
	MATH0306	1691	41.7%	2368	58.3%	4059	100.0%	
	MATH0308	1883	49.5%	1920	50.5%	3803	100.0%	
	MATH0312	1895	47.0%	2135	53.0%	4030	100.0%	
	Total	5558	45.8%	6569	54.2%	12127	100.0%	

Table 3: Spring 2011 Bridge and Counterpart Math Courses Enrollment and Course Success Rates

		CSuccess						Total MATH Bridge = 319 not concluded yet
		No		Yes		Total Attempts		
		Count	Row N %	Count	Row N %	Count	Row N %	
course_u Unique Course	MATH0106	41	46.1%	48	53.9%	89	100.0%	Total MATH Bridge = 319 not concluded yet
	MATH0108	51	46.8%	58	53.2%	109	100.0%	
	MATH0112	42	34.7%	79	65.3%	121	100.0%	
	MATH0306	n/a				3106	100.0%	
	MATH0308	n/a				3679	100.0%	
	MATH0312	n/a				4021	100.0%	
	Total					11125	100.0%	

Sources: HCC OIR DataMarts for Fall 2011 end-of-term, Spring 2011 end-of-term, and Spring 2012 mid-term.