

Prerequisite Validation Report for: ASTRO 001

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Fa2002 Sp2003 Su2003 Fa1997 Sp1998 Su1998 Fa1998 Sp1999 Su1999

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	440	39%	12	18%	452	38%
	Not Passed (All Other)	691	61%	54	82%	745	62%
	Total	1131		66		1197	
Other							
	Passed (A,B,C,CR)	65	51%	4	44%	69	50%
	Not Passed (All Other)	63	49%	5	56%	68	50%
	Total	128		9		137	
All							
	Passed (A,B,C,CR)	505	40%	16	21%	521	39%
	Not Passed (All Other)	754	60%	59	79%	813	61%
	Total	1259		75		1334	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00025
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00120

Prerequisite Validated

Prerequisite Validation Report for: CHEM 003A

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Fa1997 Sp1998 Su1998 Fa1998 Sp1999 Su1999

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	665	58%	24	36%	689	57%
	Not Passed (All Other)	480	42%	43	64%	523	43%
	Total	1145		67		1212	
Other							
	Passed (A,B,C,CR)	107	56%	0	0%	107	53%
	Not Passed (All Other)	85	44%	10	100%	95	47%
	Total	192		10		202	
All							
	Passed (A,B,C,CR)	772	58%	24	31%	796	56%
	Not Passed (All Other)	565	42%	53	69%	618	44%
	Total	1337		77		1414	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.01734
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00000

Prerequisite Validated

Prerequisite Validation Report for: MATH 036

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Su2000 Fa2000 Sp2001 Su2001 Fa1997 Sp1998 Su1998 Fa1998 Sp1999 Su1999 Fa1999

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	476	34%	5	13%	481	33%
	Not Passed (All Other)	922	66%	35	88%	957	67%
	Total	1398		40		1438	
Other							
	Passed (A,B,C,CR)	445	60%	7	54%	452	60%
	Not Passed (All Other)	297	40%	6	46%	303	40%
	Total	742		13		755	
All							
	Passed (A,B,C,CR)	921	43%	12	23%	933	43%
	Not Passed (All Other)	1219	57%	41	77%	1260	58%
	Total	2140		53		2193	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00341
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00301

Prerequisite Validated

Prerequisite Validation Report for: MATH 080
 Date: 3/13/03
 Prerequisite Type: Math
 Prereqs removed for: Fa1997 Sp1998 Su1998
 Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	438	40%	91	23%	529	36%
	Not Passed (All Other)	655	60%	308	77%	963	65%
	Total	1093		399		1492	
Other							
	Passed (A,B,C,CR)	280	53%	53	29%	333	47%
	Not Passed (All Other)	249	47%	129	71%	378	53%
	Total	529		182		711	
All							
	Passed (A,B,C,CR)	718	44%	144	25%	862	39%
	Not Passed (All Other)	904	56%	437	75%	1341	61%
	Total	1622		581		2203	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00000
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00000

Prerequisite Validated

Prerequisite Validation Report for: MATH 082
 Date: 3/13/03
 Prerequisite Type: Math
 Prereqs removed for: Fa1997 Sp1998 Su1998
 Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	528	47%	19	26%	547	45%
	Not Passed (All Other)	604	53%	53	74%	657	55%
	Total	1132		72		1204	
Other							
	Passed (A,B,C,CR)	223	52%	12	29%	235	50%
	Not Passed (All Other)	205	48%	29	71%	234	50%
	Total	428		41		469	
All							
	Passed (A,B,C,CR)	751	48%	31	27%	782	47%
	Not Passed (All Other)	809	52%	82	73%	891	53%
	Total	1560		113		1673	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00050
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00002

Prerequisite Validated

Prerequisite Validation Report for: MATH 083A
 Date: 3/13/03
 Prerequisite Type: Math
 Prereqs removed for: Fa1997 Sp1998 Su1998
 Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	53	40%	17	34%	70	38%
	Not Passed (All Other)	81	60%	33	66%	114	62%
	Total	134		50		184	
Other							
	Passed (A,B,C,CR)	86	32%	23	17%	109	27%
	Not Passed (All Other)	185	68%	112	83%	297	73%
	Total	271		135		406	
All							
	Passed (A,B,C,CR)	139	34%	40	22%	179	30%
	Not Passed (All Other)	266	66%	145	78%	411	70%
	Total	405		185		590	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00000
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00185

Prerequisite Validated

Prerequisite Validation Report for: MATH 088

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Fa1997 Sp1998 Su1998 Fa1998 Sp1999 Su1999

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	380	80%	92	30%	472	61%
	Not Passed (All Other)	96	20%	211	70%	307	39%
	Total	476		303		779	
Other							
	Passed (A,B,C,CR)	126	73%	49	37%	175	57%
	Not Passed (All Other)	46	27%	85	63%	131	43%
	Total	172		134		306	
All							
	Passed (A,B,C,CR)	506	78%	141	32%	647	60%
	Not Passed (All Other)	142	22%	296	68%	438	40%
	Total	648		437		1085	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00000
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00000

Prerequisite Validated

Prerequisite Validation Report for: MECH 088A

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Su2000 Fa2000 Sp2001 Su2001 Fa1997 Sp1998 Su1998 Fa1998 Sp1999 Su1999 Fa1999

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	26	58%	14	30%	40	44%
	Not Passed (All Other)	19	42%	33	70%	52	57%
	Total	45		47		92	
Other							
	Passed (A,B,C,CR)	0	0%	0	0%	0	0%
	Not Passed (All Other)	0	0%	0	0%	0	0%
	Total	0		0		0	
All							
	Passed (A,B,C,CR)	26	58%	14	30%	40	44%
	Not Passed (All Other)	19	42%	33	70%	52	57%
	Total	45		47		92	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.04539
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00678

Prerequisite Validated

Prerequisite Validation Report for: PHILO 006

Date: 3/13/03

Prerequisite Type: Math

Prereqs removed for: Su2000 Fa2000 Sp2001 Su2001 Fa1998 Sp1999 Su1999 Fa1999 Sp2000

Student Enrollment report for: Fa97 to Fa02

Instr Type	Grade	Math >= 2		Math = 1		All Students	
		N	%	N	%	N	%
FT & Overload							
	Passed (A,B,C,CR)	120	32%	9	16%	129	30%
	Not Passed (All Other)	260	68%	49	85%	309	71%
	Total	380		58		438	
Other							
	Passed (A,B,C,CR)	235	64%	23	39%	258	60%
	Not Passed (All Other)	135	37%	36	61%	171	40%
	Total	370		59		429	
All							
	Passed (A,B,C,CR)	355	47%	32	27%	387	45%
	Not Passed (All Other)	395	53%	85	73%	480	55%
	Total	750		117		867	

	Math 2	
Is the sample size sufficient for valid statistical results?	YES	
Are more than 50% of those without the prerequisite unsuccessful?	YES	X2 probability
Is the proportion of those unsuccessful without the prerequisite statistically sig	YES	0.00037
Is the % unsuccessful without the prerequisite statistically greater than the % unsuccessful with the prerequisite?	YES	0.00005

Prerequisite Validated