

## MATH PROGRAM – CANDIDATE INFORMATION

### INITIAL PROGRAM CANDIDATES

Year	Number of Candidates enrolled in the Program	Traditional delivery	Online delivery	Number of Program Completers
2008-2009	10	10	0	2
2009-2010	11	11	0	2
2010-2011	9	9	0	2
2011-2012	15	14 Archbold, Andrew Brown, Danielle Burns, April Cardona, Sarah Davis, Drew Garrett, Kim Kagarise, Jesse (fall only) Nissen, Taylor Noller, Brian Smith, Kadi Sterzer, Kyle Swank, Matthew Thompson, Katrina Williams, Candice	1 Thornton, Lauren	3 Andrew Archbold, April Burns, Candice Williams

### POST-BACCALAUREATE – ADDED ENDORSEMENT CANDIDATES (w/initial license)

Year	Number of Candidates enrolled in the Program	Traditional delivery	Online delivery	Number of Program Completers
2008-2009				
2009-2010				
2010-2011				
2011-2012				

## DATA for ALL 9 MATHEMATICS STANDARDS

### STANDARD 1 – CONCEPTUAL AND PROCEDURAL UNDERSTANDING

#### Assessment 6 - Math Major Field Test

Year	Number of Students	<138	138-156	>156
2008-2009	3	1	2	-
2009-2010	1	-	1	-
2010-2011	2	-	1	1
2011-2012	3	1	2	

### STANDARD 2 – NUMBER AND NUMBER SYSTEMS

#### Assessment 1a - Praxis II Content Test – Algebra and Theory (sub score I)

Year	Number of Students	Lower than Average	Average	Higher than Average
2008-2009	2		1	1
2009-2010	2		2	
2010-2011	2		2	
2011-2012	3		3	

#### Assessment 7 – Number Concepts Lesson Plan for MA245 Apprenticeship in Mathematics

Year	Number of Students	<25 Unacceptable	25-30 Basic	30-35 Competent	35-40 Target
Begin w/					
2012-2013					

### STANDARD 3 - ALGEBRA

#### Assessment 5A – MA330 Linear Algebra – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	3			1	2
2009-2010	3		1	1	1
2010-2011	0				
2011-2012	0				

#### Assessment B – MA370 Intro to Advanced Math – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	0				
2009-2010	3				3
2010-2011	0				
2011-2012	1		1		

## STANDARD 4 - GEOMETRY

Assessment 1a - Praxis II Content Test –Measurement, Geometry and Trig (sub score II)

Year	Number of Students	Lower than Average	Average	Higher than Average
2008-2009	2		1	1
2009-2010	2		1	1
2010-2011	2			2
2011-2012	3		3	

Assessment 5C – MA340 Modern Geometry – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	3			2	1
2009-2010	0				
2010-2011	1		1		
2011-2012	0				

## STANDARD 5 – DATA, STATISTICS AND PROBABILITY

Assessment 1a - Praxis II Content Test – Data analysis, statistics and probability (sub score IV)

Year	Number of Students	Lower than Average	Average	Higher than Average
2008-2009	2		1	1
2009-2010	2		1	1
2010-2011	2		1	1
2011-2012	3		3	

Assessment 5C – MA410 – Probability Theory – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	0				
2009-2010	3		2	1	
2010-2011	0				
2011-2012	1			1	

## STANDARD 6 - CALCULUS

Assessment 1a - Praxis II Content Test – Functions and Calculus (sub score III)

Year	Number of Students	Lower than Average	Average	Higher than Average
2008-2009	2		2	
2009-2010	2		1	1
2010-2011	2		2	
2011-2012	3		2	1

Assessment 5E –MA 220 – Calculus III – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	3			2	1
2009-2010	0				
2010-2011	2				2
2011-2012	2			1	1

**STANDARD 7 – DISCRETE PROCESSES**

Assessment 1a - Praxis II Content Test – Matrix Algebra and Discrete Math (sub score V)

Year	Number of Students	Lower than Average	Average	Higher than Average
2008-2009	2		1	1
2009-2010	2		2	
2010-2011	2		1	1
2011-2012	3		2	1

Assessment 3 – CTE Evaluation Rubric – Goal 6 Addendum for Content Knowledge (begin F2012)

Year	Number of Students	0 Unacceptable	Basic	Competent	Target
2012-2013					

**STANDARD 8 – HISTORY OF MATH**

Assessment 5F –MA 355 – History of Mathematics – Course Based Grades

Year	Number of Students	<C Unacceptable	C Basic	B Competent	A Target
2008-2009	7		4	1	2
2009-2010	0				
2010-2011	2		1		1
2011-2012	0				

**STANDARD 9 – PEDAGOGICAL STRATEGIES**

Assessment 2 – KPTP Task 2 – Unit Plan

Year	Number of Students	<4.5 Unacceptable	4.5-5.5 Basic	6-7.5 Competent	8-9 Target	Average Score
2008-2009	NA					
2009-2010	2			1	1	7.25
2010-2011	2			1	1	7.75
2011-2012	3			1	2	7.7