DALTON STATE COLLEGE ~ SCHOOL OF EDUCATION
SECONDARY MATH EDUCATION PROGRAM OF STUDY

Name _____

AREA A - Essential Skills-must have "C" or above	9	Grade	AREA E – Social Sciences	12	
ENGL 1101 English Composition I	3		HIST 2111 or 2112 United States History	3	
ENGL 1102 English Composition II	3		POLS 1101 American Government	3	
MATH 1113 Precalculus (Prerequisite: MATH 1111, or one year of high school math above Algebra II) MATH 2253 may be used if the student meets the prerequisites.	3		Electives (choose two) ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1103, 2010, 2020, POLS 2101, 2201, 2301, 2401, **PSYC 1101 (Required for EDUC 2110, 2120, and 2130)**; 2101, 2204, 2250, SOCI 1101, 1160	6	
AREA B – Institutional Options	**4**		**AREA F Major Related – must have "C" or above**	**18**	
COMM 1110 Fundamentals of Speech **(Required for EDUC 2110, 2120, & 2130**	3		MATH 2254 Calculus & Analytic Geometry II	4	
Elective: (choose one) BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1		MATH 2255 Calculus & Analytic Geometry III	4	
AREA C – Humanities/Fine Arts	**6**		MATH 2256 Introduction to Linear Algebra	3	
ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; ARTS 1100, HUMN 1201,1202, MUSC 1100, 1120, or THEA 1100	6		MATH 2403 Differential Equations	4	
			CMPS 1301 Principles of Programming I	3	
AREA D – Science/Mathematics	**12**		**PHYSICAL EDUCATION**	**1**	
Electives: BIOL 1107K & 1108K, or CHEM 1211 & 1212, or PHYS 1111K & 1112K, or **PHYS 2211K & 2212K** (courses in **bold** are recommended)	8		PHED Activity Elective	1	
MATH 2253 Calculus & Analytic Geometry I (must make a "C" or above)	4			**36**	

Prior to enrollment in EDUC 2110, 2120, & 2130, students must: complete of Area A with Cs or above, complete of PSCY 1101 and COMM 1110 with a C or above, have an approved Background Check, have proof of professional Liability Insurance, complete Mandated Reporter Training, pass an Ethic Assessment. EDUC 2110 Investigating Critical & Contemporary Issues in Education (includes 10 hr. practicum) (Must pass with a C or above) EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (includes 10 hr. practicum) (Must pass with a C or above) EDUC 2130 Exploring Teaching and Learning (includes 10 hr. practicum) (Must pass with a C or above)	3 3 3	
Professional Education Semester 1 (PES I): Prior to being allowed to enroll in PES 1, students must: **1.)** be accepted in to the Secondary Ed Program; **2.)** have passing scores on the GACE Program Admissions Exams or show evidence of exemption; **3.)** have completed 8 credit hours of Math courses within the curriculum (MATH 2253, 2254, 2255), passed with grade of C or above, **4.)** have a cumulative GPA 2.7 **5.)** attend a Secondary Orientation Session; and **6.)** have passed EDUC 2110, 2120, and 2130 with a C or above 7.) completed 30 credit hours.. ~ **EDUC 3902 and EDUC 3272 must be taken concurrently** EDUC 3902 Curriculum & Assessment for Secondary Math/Science Teachers (Must pass with a C or above) EDUC 3272 Classroom Management Seminar and Field Experience I (Must pass with a C or above)	3 2	
Professional Education Semester 2 (PES II): ~ EDUC 4901 & EDUC 3273 must be taken concurrently EDUC 4901 Methods and Strategies for Secondary Teachers (Must pass with a C or above) EDUC 3273 Classroom Management Seminar and Field Experience II (Must pass with a C or above)	3 2	
Professional Education Semester 3 (PES III): ~ EDUC 3120 & EDUC 3274 must be taken concurrently EDUC 3120 Teaching Diverse Learners (Must pass with a C or above) EDUC 3274 Classroom Management Seminar and Field Experience III (Must pass with a C or above)	3 2	
Professional Education Semester 4 ~ Students must have completed of 30 credit hours of Math within the curriculum , passed with grade of C or above, before being allowed to enter PES IV-Student Teaching ~ EDUC 4952, EDUC 4953 and READ 3456 must be taken concurrently EDUC 4951 Internship for Secondary Education Mathematics **(Must make a "Satisfactory")** EDUC 4953 Internship Seminar **(Must make a "Satisfactory")** READ 3456 Reading Across the Curriculum for Secondary Teachers (Must pass with a C or above)	8 1 3	
MAJOR CURRICULUM Must pass all upper level courses with a C or above	**31**	
MATH 3101 Introduction to Advanced Mathematics (Prerequisite MATH 2254), MATH 3201 Geometry (Prerequisite MATH 3101) MATH 4001 History of Mathematics (Prerequisite MATH 3101), MATH 4101 Abstract Algebra I (Prerequisite MATH 3101) MATH 4201 Number Theory (Prerequisite MATH 3101), MATH 4301 Graph Theory (Prerequisite MATH 3101) MATH 4701 Probability and Statistics I (Prerequisite MATH 2255), MATH 4601 Real Analysis (Prerequisite MATH 3101) MATH Elective (choose one from MATH 4102, 4602, 4702) Any 3000-4000 level MATH (excluding MATH 3703, 3803, 4713)		
In order to be recommended for teacher certification, the teacher candidate must: **1.)** successfully pass all courses and field experiences; **2.)** must apply to the SOE for recommendation to take the Math GACE Content Exams. Application may be made after successful completion of 24 credit hours from the Math Major Curriculum area; **3.)** must pass both sections of the Math GACE Content Exams.		