Cleveland State University
College of Education and Human Services
CS*Uteach* Program
Integrated Mathematics & Single Field Physics Licenses, Grades 7-12
Post-Baccalaureate

Student Name _____ **CSU ID #** _____

PROFESSIONAL EDUCATION			
(Must be accepted into Licensure program and maintain at least a 2.50 Cum. GPA to be eligible for 300-400 level professional education courses).	Credits	Sem.	√
Foundations			
EUT 201: Step 1: Inquiry Approaches to Teaching	1	B	
EUT 215: Step 2: Inquiry-Based Lesson Design in Mathematics -OR- 217: Step 2: Inquiry-Based Lesson Design in Science	1	B	
STEM Education Content			
EUT 210: Perspectives on Science and Mathematics	3	Sp	
SCI 311: Research Methods	3	Fa	
MTH 201: Functions and Modeling	3	Sp	
STEM Education Professional Courses			
EUT 302: Knowing & Learning in Mathematics & Science	3	Fa	
EUT 305: Classroom Interactions	3	Sp	
EDL 305: Content Area Literacy	3	B	
EUT 315: Project-Based Instruction in Mathematics -OR- 317: Project-Based Instruction in Science	3	Fa	
EST 399: CS*Uteach* STEM Apprentice Teaching I	1	Fa	
Culminating Experience			
*EST 499: CS*Uteach* STEM Apprentice Teaching II [Prereq: EUT 317; 75% Major Field courses; 2.50 Cum GPA; 2.50 Major Field GPA; 2.75 Prof. GPA]	6	Sp	

*Firm Application Deadlines for Apprentice Teaching I & II are February 15 (Fall Semester) and September 15 (Spring Semester).

^This program enables a candidate to obtain two separate licenses in the State of Ohio. During ATI and ATII, candidates will have a split experience (physics and mathematics) and will complete edTPA for both licenses.

The following OAE & Praxis exams must be taken prior to student teaching and passed before you can apply for your license. You must designate CSU as a score recipient each time you register to have those exams that you pass permanently recorded on your transcript.

Test	Code	Length	Passing Score
Assessment of Professional Knowledge: Adolescent to Young Adult	003	3 hrs	220
Mathematics	027	4hr 15min	220
Physics	035	3hr45min	220

CONTENT REQUIREMENTS			
Mathematics Requirements	Credits	Sem.	√
MTH 181: Calculus	4	B	
MTH 182: Calculus II	4	B	
MTH 220: Discrete Mathematics	3	B	
MTH 281: Multivariable Calculus	4	B	
MTH 288: Linear Algebra	3	B	
MTH 301: Introduction to Number Theory	3	Fa	
MTH 323: Statistical Methods	3	B	
MTH 333: Geometry	3	Fa	
MTH 358: Abstract Algebra	3	Sp	
MTH 424: Probability Theory & Application	3	Fa	
Physics Requirements			
PHY 241/243/243H: University Physics I	5	B	
PHY 242/244/244H: University Physics II	5	B	
PHY 330: Introduction to Modern Physics	3	Sp	
PHY 470: Environmental Physics	3	Fa	
PHY 474: Thermal Physics (capstone)	4	Fa	
Additional Reqiurements			
BIO 380/381: Bio Content Mid School Teachers	4	*	
CHM 380: Prin of Chem Mid Sch Teachers	3	*	
EVS 206/207: Intro to Environmental Science + Lab	4	B	

**These are guidelines only. Please confirm with the department for semester offered.

Summary of Credits

Professional Education:	30
Major Field:	64
Total:	**94**

Evaluator's Signature **Date**