

5.



CURRICULUM CONTRACT

Physics (Reference #754)

Non-degree seeking Certification Only in Secondary Physics Education, Grades 8-12

(This program does not lead to a degree)

Admission Requirements:

To be admitted into this program, candidates must meet all minimal criteria described on the “Transition Points” page under “Transition Point 1: Admission to Education Preparation Programs.”

Science/Math Education Component—37 hours		REQUIRED CORE PHYSICS COURSES (Total = 35 hrs)	
SMED 101 – Step 1	1 hr.	PHYS 180 – Introductory Modern Physics	3 hrs
SMED 102 – Step 2	2 hrs.	PHYS 181 – Introductory Modern Physics Lab	1 hr
SMED 310 – Knowing & Learning	3 hrs.	PHYS 255 – University Physics I	4 hrs
SMED 320 – Classroom Interactions	3 hrs.	PHYS 256 – University Physics I Lab	1 hr
SPED 330 – Diversity in Learning	3 hrs.	PHYS 265 – University Physics II	4 hrs
SMED 340 – Perspectives	3 hrs.	PHYS 266 – University Physics II Lab	1 hr
SMED 360 – Research Methods	3 hrs.	PHYS 301 – Electrical Measurements Lab	1 hr
SMED 470 – Project-based Instruction	3 hrs.	PHYS 302 – Atomic Laboratory	1 hr
LTCY 421 – Reading for Middle/Second	3 hrs.	PHYS 316 Comp Physics or Phys 318 Data Acquisition	3 hrs
SMED 489 – Student Teaching Seminar	3 hrs.	PHYS 321 – Intro Modern Physics II	3 hrs
SEC 490 – Student Teaching	10 hrs	PHYS 350 – Classical Mechanics I	3 hrs
		PHYS 398 – Junior Seminar	0.5 hrs
		PHYS 440 – Electromagnetism I	3 hrs
		PHYS 498 – Senior Seminar	0.5 hrs
		PHYS ___ Elective	3 hrs
		PHYS ___ Elective	3 hrs
		PHYS ___ Elective	3 hrs
		ADDITIONAL REQUIRED COURSES (Total = 28 hrs)	
		MATH 126 – Calculus & Analytic Geometry I	4.5 hrs
		MATH 227 – Calculus & Analytic Geometry II	4.5 hrs
		MATH 307- Introduction to Linear Algebra	4 hrs
		MATH 327- Multivariable Calculus	4 hrs
		MATH 331- Differential Equations	3 hrs
		CHEM 120 – College Chemistry I	4 hrs
		CHEM 121 – College Chemistry I Lab	1 hr
		CS ___ - (Computer Science, CS 230 or higher)	3 hrs

Mid-Point Assessment Requirements:

To be admitted into the Student Teaching Semester, candidates must meet all minimal criteria described under “Transition Point 2: Admission to Final Clinical Experience.”

Program Completion Requirements:

4. To complete a teacher preparation program, candidates must meet all minimal criteria described under “Transition Point 3: Program Exit.”
5. Note that additional requirements (described below) must be met in order to be recommended for initial certification.
6. Rules and regulations governing the completion of this program of study have been described above and on the next page. By your signature, you are acknowledging that you understand and accept responsibility for meeting these requirements.

Delineation of EPP-Wide Transition Points – Initial Preparation Program

Transition Point 1: Admission to Education Preparation Programs				
Data Reviewed	Minimal Criteria	Review Cycle	Reviewed By	Approved By
Unit Level Data:	Admission to Teacher Education			
<ul style="list-style-type: none"> • Documentation of completion of baccalaureate degree in an approved certification area • Cumulative GPA • CASE test scores • Application to include: <ul style="list-style-type: none"> – 3 faculty recommendations – Physical (including TB test) – KY criminal background check – Signed KY Code of Ethics 	<ul style="list-style-type: none"> • Completion of Application • 2.75+ average or above • Minimum CASE scores required as defined by current state guidelines (demonstrates Critical Thinking and Communication Skills) • 3 positive faculty recommendations (demonstrates their dispositions for teaching indicating their creativity and collaboration skills) • Passing physical • Passing background checks 	Each Month	Office of Teacher Services	Professional Education Council
Transition Point 2: Admission to Final Clinical Experience				
Data Reviewed	Minimal Criteria	Review Cycle	Reviewed By	Approved By
Unit Level Data	Successful application to Student Teaching			
<ul style="list-style-type: none"> • GPAs and at least 90+ hours completed (including 75% of content courses) • Completion of required field hours (dependent upon certification status) • Completion of Key Assessments • Dispositions scores 	<ul style="list-style-type: none"> • 2.75+ GPA (overall, major, minor, and professional education courses); C or higher in all professional education courses • At least 200 hours documented based on requirements of 16 KAR 5:040 • 2+ holistic score; 2+ per KTS measured • All dispositions average “At Standard” (3+) 	Each Semester	Office of Teacher Services	Professional Education Council
Transition Point 3: Program Exit				
Data Reviewed	Minimal Criteria	Review Cycle	Reviewed By	Approved By
Unit Level Data:	Program Exit			
<ul style="list-style-type: none"> • Candidate student teaching • Teacher Work Sample scores • Dispositions scores 	<ul style="list-style-type: none"> • C or Higher • 2+ holistic score; 2+ per KTS measured • All scores “At Standard” (3+) 	Each Semester	Office of Teacher Services	Certification Officer

To be recommended for initial certification, an applicant must document:

Completion of an approved educator preparation program in each desired certification area; Passing score(s) on the appropriate PRAXIS II and PLT exam(s) or other assessments required for each desired certification area; Achievement of at least a 2.75 GPA overall, in each major and minor, and in professional education courses; Attainment of at least a “C” in all professional education courses, including student teaching.

Remediation Opportunities:

TP 1: Candidates may continue to submit Faculty Recommendations until three are positive.

TP 2: Candidates may request additional instruction from faculty and may resubmit Key Assessments in order to improve their scores.

TP 3: Candidates may request additional instruction from faculty and may resubmit the Teacher Work Sample Key Assessment in order to improve their score. Candidates may repeat student teaching.

EPSB Disclaimer: Teacher certification requirements are subject to change. Before registering for the test(s), please refer to the Education Professional Standards Board (EPSB) website at www.epsb.ky.gov for current requirements or contact the Division of Professional Learning and Assessment at 502-564-4606 or toll free 888-598-7667.

By signing below, the candidate ensures that he or she has been advised of, understands, and agrees to adhere to all program requirements, including assessment requirements, of the program.

Candidate Name (printed):

Education Advisor's Signature/Date:

Signature

Date

Candidate Signature/Date:

Specialization Advisor's Signature/Date (if needed):

Signature

Date

Signature

Date

****END OF CURRICULUM CONTRACT****