

Physics II and Lab
 KRSN PHY2020 – Physics II & Lab
 KRSN PHY2021 – Physics II
 KRSN PHY2022 – Physic II Lab

Institution	Course ID	Course Title	Credit Hours
Allen County CC	Not Offered	Not Offered	
Barton County CC	PHYS 1602	Physics II (includes Lab)	5
Butler CC	PH146	General Physics II (Includes Lab)	5
Cloud County CC	SC141	College Physics II (includes Lab)	5
Coffeyville CC	PHYS204	College Physics II (includes Lab)	5
Colby CC	PH227	College Physics II with Lab	5
Cowley County CC	PHS4551	General Physics II (includes Lab)	5
Dodge City CC	PHYS203/PHY203	General Physics II & General Physics II Lab	5/0
Fort Scott CC	PHS2075/PHS207L	College Physics II and Physics II Lab	5/0
Garden City CC	PHY 206	General Physics II	5
Highland CC	PS216	General Physics II	5
Hutchinson CC	PY113/PY113L	General Physics II & General Physics II Lab	5
Independence CC	PHS2055	General College Physics II (includes Lab)	5
Johnson County CC	PHYS131	General Physics II (includes Lab)	5
Kansas City KCC	NASC0232	General Physics II (includes Lab)	5
Labette CC	PHYS205	College Physics II (includes Lab)	5
Neosho County CC	PHYS101/PHYS135	Introductory College Physics II and Introductory College Physics II Lab	4/1
Pratt CC	PHS252	General Physics II	5
Seward County CC	PS2215	General Physics II Lecture/Lab	5
Flint Hills TC	Not Offered	Not Offered	
Manhattan Area TC	Not Offered	Not Offered	
Salina Area TC	Not Offered	Not Offered	
North Central KTC	Not Offered	Not Offered	
Northwest KTC	Not Offered	Not Offered	
Wichita Area TC	PHS125	General Physics II	5
Emporia St. U.	PH343/PH344	College Physics II/College Physics II Lab	3/2
Fort Hays St. U.	PHYS112/PHYS112L	Physics II/Physics II Lab	4/1
Kansas St. U.	PHYS114	General Physics II (includes Lab)	4
Pittsburg St. U.	PHYS101/PHYS131	College Physics II/Elementary Physics II Lab	4/1
U. Of Kansas	PHSX115	College Physics II (includes Lab)	4
Wichita St. U.	PHYS214/PHYS214L	General College Physics II (includes Lab)	5/0
Washburn U.	PS262	College Physics II/College Physics II Lab	5/0

Revised 07/15/2014

Physics II and Lab PHY 2020/2021/2022 CORE OUTCOMES

Upon completion of this course, students will be able to:

KCOG Learning Outcomes for Physics II + Laboratory

KSRN PHY 2020/2021/2022

Physics II is the continuation of Physics I (KSRN PHY 2020 / 2021/2022) using the tools of algebra and trigonometry. Topics covered in this course will include electricity and magnetism, waves, optics, and an introduction to modern physics.

At the conclusion of KSRN PHY 2020/2021/2022:

- 1 The student will be able to evaluate situations involving Physics II topics by choosing the appropriate conceptual frameworks.
- 2 The student will be able to recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Physics II topics.
- 3 The student will be able to think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Physics II topics, selecting relevant information, selecting an approach to solving the problem and carry out the analysis needed to generate and communicate solution(s).
- 4 The student will be able to perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Physics II topics.