

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

For specific Institutional Transfer Articulation information visit: kansasregents.org/institutional-transfer-information.

Institution	Course ID	Course Title	Credit Hours
Allen CC	PSC 115	College Physics II	5
Barton CC	PHYS 1602	Physics II	5
Butler CC	PH 146	General Physics II	5
Cloud County CC	SC 141	College Physics II	5
Coffeyville CC	PHYS 204	College Physics II (includes Lab)	5
Colby CC	PH 227	General Physics II (with Lab)	5
Cowley CC	PHS 4551	General Physics II	5
Dodge City CC	PHYS 203 & PHYY 203	General Physics II and General Physics II Lab	5 & 0
Fort Scott CC	PHS 2075	College Physics II Non-Calculus	5
Garden City CC	PHYS 206	General Physics II	5
Highland CC	PS 204	General Physics II	5
Hutchinson CC	PY 113	General Physics II	5
Independence CC	PHS 1065	College Physics II	5
JCCC	PHYS 131	General Physics II	5
KCKCC	NASC 0232	General Physics II	5
Labette CC	PHYS 205	College Physics II	5
Neosho County CC	PHYS 101 & PHYS 135	Introductory College Physics II and Introductory College Physics II Lab	4 & 1
Pratt CC	PHS 252	General Physics II	5
Seward County CC	PS 2215	General Physics II	5
FHTC	Not Offered	Not Offered	
Manhattan Tech	Not Offered	Not Offered	
NCK Tech	Not Offered	Not Offered	
NWKTC	Not Offered	Not Offered	
SATC	Not Offered	Not Offered	
WATC	PHS 125	General Physics II	5
ESU	PH 343* & PH 344*	College Physics II and College Physics II Lab	3 & 2
FHSU	PHYS 112 & PHYS 112L	Physics II and Physics II Lab	4 & 1
KSU	PHYS 114	General Physics II (includes Lab)	4
PSU	PHYS 101 & PHYS 131	College Physics II and Elementary Physics II Lab	4 & 1
KU	PHSX 115	College Physics II (includes Lab)	4
WSU	PHYS 214 & PHYS 214L	General College Physics II and General College Physics II Lab	5 & 0
Washburn	PS 262	College Physics II	5

**The decision for lower division courses to count toward upper division credit hours required for graduation is at the discretion of the institution.

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

Course Effective Date: Fall 2013

Outcome Approval Date: Fall 2017

Next Outcome Review Date: Fall 2022

Physics II is the continuation of Physics I 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.

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

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.