

Physics I and Lab
 KRSN PHY1010 – Physics I and Lab
 KRSN PHY1011 – Physics I
 KRSN PHY1012 – Physics I Lab

INSTITUTION	COURSE ID	COURSE TITLE	CREDIT HOURS
Allen County CC	Not Offered	Not Offered	
Barton County CC	PHYS 1600	Physics I	5
Butler CC	PH143	General Physics I	5
Cloud County CC	SC140	College Physics I	5
Coffeyville CC	PHYS203	College Physics I	5
ColbyCC	PH207	College Physics I with Lab	5
Cowey County CC	PHS4550	General Physics I	5
Dodge City CC	PHYS201/PHY201LAB	General Physics I and General Physics Lab	5,0
Ft. Scott CC	PHS2065/PHS206L	College Physics I and Physics I Lab	5
Garden City CC	PHYS 205	General Physics I	5
Highland CC	PS215	General Physics I	5
Hutchinson CC	PY112/PY112L	General Physics I and Lab	5
Independence CC	PHS1055	General College Physics I	5
Johnson County CC	PHYS130	General Physics I	5
Kansas City Kansas CC	NASC0231	General Physics I	5
Labette CC	PHYS201	College Physics I	5
Neosho County CC	PHYS100/PHYS130	Introductory College Physics I and Lab	4,1
Pratt CC	PHS251	General Physics I	5
Seward County CC	PS2205	General Physics I Lecture/Lab	5
Flint Hills Tech Col	Not Offered	Not Offered	
Manhattan Area Tech Col	Not Offered	Not Offered	
North Central KS Tech Col	Not Offered	Not Offered	
Northwest KS Tech Col	PH143	General Physics	5
Salina Area Tech Col	Not Offered	Not Offered	
Wichita Area Tech Col	PHS120	General Physics I	5
Emporia State U	PH140/PH141LAB	College Physics 1/College Physics I Lab	3,2
Ft. Hays State U	PHYS111/PHYS111L	Physics 1/Physics I Lab	4,1
Kansas State U	PHYS113	General Physics 1/General Physics I Lab	4,1
Pittsburg State U	PHYS100/PHYS130LAB	College Physics 1/Elementary Physics I Lab	4,1
Univ. of Kansas	PHSX114	College Physics 1/Introductory Physics Lab I	4
Wichita State U	PHYS213/PHYS213L	General College Physics I and Lab	5,0
Washburn U	PS261	College Physics I and Physics I Lab	5,0

Revised 05/01/2014

Physics I & Lab-PHY1010, PHY1011 & 1012 CORE OUTCOMES

Upon completion of the above listed course, students will be able to do the following:

Physics I is the study of translational and rotational motion, force, work, mechanical and thermal energy, linear and angular momentum, and fluid mechanics using the tools of algebra and trigonometry.

At the conclusion of KSRN PHY 1010 /1011/1012:

- 1 The student will be able to evaluate situations involving Physics I 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 I 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 I topics, selecting relevant information, selecting an approach to solving the problem and carrying 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 I topics.