

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

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

INSTITUTION	COURSE ID	COURSE TITLE	CREDIT HOURS
Allen CC	PSC 114	College Physics I	5
Barton CC	PHYS 1600	Physics I	5
Butler CC	PH 143	General Physics I	5
Cloud County CC	SC 140	College Physics I	5
Coffeyville CC	PHYS 203	College Physics I	5
Colby CC	PH 207	General Physics I (with Lab)	5
Cowley CC	PHS 4550	General Physics I	5
Dodge City CC	PHYS 201 & PHY 201	General Physics I and General Physics I Lab	5 & 0
Fort Scott CC	PHS 2065	College Physics I NON Calculus	5
Garden City CC	PHYS 205	General Physics I	5
Highland CC	PS 203	General Physics I	5
Hutchinson CC	PY 112	General Physics I	5
Independence CC	PHS 1055	College Physics I	5
JCCC	PHYS 130	General Physics I	5
KCKCC	NASC 0231	General Physics I	5
Labette CC	PHYS 201	College Physics I	5
Neosho County CC	PHYS 100 & PHYS 130	Introductory College Physics I and Introductory College Physics I Lab	4 & 1
Pratt CC	PHS 251	General Physics I	5
Seward County CC	PS 2205	General Physics I	5
FHTC	Not Offered	Not Offered	
Manhattan Tech	PHY 100	General Physics with Lab	5
NCK Tech	Not Offered	Not Offered	
NWKTC	PH 143	General Physics	5
SATC	PHS 100	Physics I	5
WSU Tech	PHS 120	General Physics I	5
ESU	PH 140 & PH 141	College Physics I and College Physics I Lab	3 & 2
FHSU	PHYS 111 & PHYS 111L	Physics I and Physics I Lab	4 & 1
KSU	PHYS 113	General Physics I	4
KU	PHSX 114	College Physics I and Lab	4
PSU	PHYS 100 & PHYS 130	College Physics I and Elementary Physics I Lab	4 & 1
Washburn	PS 261	College Physics I and Physics I Lab	5
WSU	PHYS 213 & PHYS 213L	General College Physics I and General College Physics I Lab	5 & 0

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

Course Effective Date: Fall 2012

Outcome Approval Date: Fall 2017

Next Outcome Review Date: Fall 2022

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.

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

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.