

## KRSN PHY1020 - DESCRIPTIVE ASTRONOMY AND LABORATORY

For specific Institutional Transfer Articulation information visit: [kansasregents.org/institutional-transfer-information](https://kansasregents.org/institutional-transfer-information).

Institution	Course ID	Course Title	Credit Hours
Allen CC	PSC 181	Descriptive Astronomy Lab	2
Barton CC	Not Offered	Not Offered	
Butler CC	PH 103	Descriptive Astronomy	4
Cloud County CC	SC 105	General Astronomy	4
Coffeyville CC	Not Offered	Not Offered	
Colby CC	PH 180	Descriptive Astronomy (with Lab)	4
Cowley CC	PHS 4530	Introductory Astronomy	5
Dodge City CC	Not Offered	Not Offered	
Fort Scott CC	Not Offered	Not Offered	
Garden City CC	Not Offered	Not Offered	
Highland CC	PS 108	Astronomy	4
Hutchinson CC	Not Offered	Not Offered	
Independence CC	02PHS 1085	Descriptive Astronomy	5
JCCC	ASTR 122	Astronomy	4
KCKCC	Not Offered	Not Offered	
Labette CC	PHSC 103	Introduction to Astronomy	5
Neosho County CC	Not Offered	Not Offered	
Pratt CC	Not Offered	Not Offered	
Seward County CC	Not Offered	Not Offered	
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 115	Introductory Astronomy	5
ESU	PH 110 and PH 111	Introduction to Space Science and Introduction to Space Science Lab	4 1
FHSU	PHYS 309* and PHYS 103	Descriptive Astronomy and Physical Science Lab	5 1
KSU	Not Offered	Not Offered	
PSU	Not Offered	Not Offered	
KU	Not Offered	Not Offered	
WSU	PHYS 195 and PHYS 196	Introduction to Modern Astronomy and Laboratory in Modern Astronomy	3 1
Washburn	Not Offered	Not Offered	

\*Lower division courses do not count toward upper division credit hours required for graduation.

## **DESCRIPTIVE ASTRONOMY AND LABORATORY - PHY1020 CORE OUTCOMES**

Course Approval Date: Summer 2015

Course Review Date: Summer 2020

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

1. Explain the scientific method
2. Interpret astronomical observations, demonstrate critical thinking and basic problem solving
3. Explain astronomical phenomena in terms of appropriate scientific models
4. Explain and critique science as presented in the media
5. Identify, locate and predict characteristics of celestial objects
6. Effectively utilize the tools of observational astronomy
7. Generate and communicate conclusions based on data and analysis of observations