

ASTRONOMY

For course details, please see the Astronomy web page at
<http://www.cabrillo.edu/~rnolthenius/>

ASTRO 3 Solar System Astronomy

Presents a survey of the sun, planets, asteroids, comets, and the growing list of new solar systems around other stars for non-science majors. Recommended Preparation: MATH 154.
Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
97915	MW	9:30AM-10:50AM	3.00	R.Nolthenius	806
97916	M	6:00PM-9:05PM	3.00	R.Nolthenius	806

ASTRO 7 Planetary Climate Science

Applies scientific principles to explain planetary atmospheres, climate in general and Earth's climate in particular, including current climate change causes and effects. Recommended Preparation: Eligibility for MATH 154.
Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
97917	T	2:45PM-5:50PM	3.00	R.Nolthenius	806

ASTRO 8A Observational Astronomy

Involves observatory lab projects on stars, planets, the moon, galaxies, and in-class labs and demos on cloudy nights. Hybrid Requisite: Completion of or concurrent enrollment in ASTRO 3 or ASTRO 4 or ASTRO 7. Recommended Preparation: MATH 154.
Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
97918	T	7:15PM-10:20PM	1.00	R.Nolthenius	705

ASTRO 25 Field Astronomy in the California Mountains

Studies physical and evolutionary processes of galaxies and stars, and relates the evolution of stars to the formation and evolution of planets at dark-sky mountain campsites.
Transfer Credit: Transfers to CSU

Section	Days/Dates	Times	Units	Instructor	Room
97913	S, 10/7	9:00AM-3:30PM	1.00	R.Nolthenius	706
&	F, 10/13	5:00PM-11:59PM		R.Nolthenius	OFFCAM
&	S, 10/14	10:00AM-11:05PM		R.Nolthenius	OFFCAM
&	SU, 10/15	9:00AM-11:15AM		R.Nolthenius	OFFCAM
&	S, 11/4	5:30PM-6:20PM		R.Nolthenius	706

First meeting on-campus Saturday 10/7. Field trip 10/13-10/15. Final exam Saturday 11/4 on campus, see instructor for options. Car camping and hiking required. Transportation and camping gear are the student's responsibility. Will discuss food and carpool options at the first meeting. See Instructor's webpage for Astro 25 for full details.