Astronomy Courses

Courses

**ASTR 1107. Astronomy Lab I.**
Astronomy Laboratory I. [TCCN ASTR 1104] Basic laboratory exercises in solar system astronomy. An introduction to the concepts and methods employed by astronomers in studying the solar system. Prerequisites: ASTR 1307 and MATH 0310 or MATH 1319 or placement into MATH 0311 or higher level mathematics course. ASTR 1307 may be taken concurrently with ASTR 1107. Fees required.

**Department:** Astronomy

1 Credit Hour

2 Total Contact Hours

2 Lab Hours

0 Lecture Hours

0 Other Hours

**Prerequisite(s):** (ASTR 1307 w/C or better ) OR (MATH 0310 w/C* or better ) OR (MATH 0311 w/C* or better ) OR (MATH 1319 w/C or better ) OR (MATH 1320 w/C or better ) OR (MATH 1508 w/C or better ) OR (MATH 1411 w/C or better ) OR (MATH 1312 w/C or better ) OR (MATH 2313 w/C or better ) OR (MATH 2301 w/C or better ) OR (MATH 0310 w/S* or better ) OR (MATH 0311 w/S* or better ) OR (TAKM score between 2200 and 2821 ) OR (NCBM M020 w/S* or better ) OR (NCBM M021 w/S* or better ) OR (TSIM score between 336 and 349 ) OR (NCBM M031 w/S* or better ) OR (TSIM score between 310 and 335 ) OR (TAKM score between 5 and 6 ) OR (SXDG score of 1 ) OR (SXMA score of 1 ) OR (SXOI score of 1 ) OR (SXTR score of 1 ) OR (2TSM score between 910 and 990 ) OR (MATH 1310 w/C or better)

**ASTR 1307. Elem Astronomy-Solar System.**
Elementary Astronomy of the Solar System. [TCCN ASTR 1304] A survey of the solar system. Topics include astronomical history and instruments, the planets and their moons, comets, and meteors. May not be counted toward a major or minor in physics. Students seeking four credit hours are encouraged to take ASTR 1107 concurrently.

**Department:** Astronomy

3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (ASTR 1307 w/C or better)

**ASTR 1308. Elem Astr Stars & Galaxies.**
Elementary Astronomy of Stars and Galaxies. [TCCN ASTR 1303] Topics include stellar properties, galaxies, and cosmology. May be taken independently of ASTR 1307. May not be counted toward a major or minor in physics. Students seeking four credit hours are encouraged to take ASTR 1108. Prerequisite: ASTR 1307.

**Department:** Astronomy

3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (ASTR 1307 w/C or better)