Astronomy Courses

Courses

**ASTR 1107. Astronomy Lab I.**
Astronomy Laboratory I. (Common Course Number PHYS 1111) Basic laboratory exercises in solar system astronomy. An introduction to the concepts and methods employed by astronomers in studying the solar system. Prerequisites: ASTR 107 and MATH 0310 or MATH 1319 or placement into MATH 0311 or higher level mathematics course. ASTR 107 may be taken concurrently with ASTR 1107. Fees required.

- **Department:** Astronomy
- **1 Credit Hour**
- **2 Total Contact Hour**
- **2 Lab Hour**
- **0 Lecture Hour**
- **0 Other Hour**
- **Prerequisite(s):** (ASTR 1307 w/C or better) AND (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 2326 w/C or better) OR (MATH 2301 w/C or better) OR (BANM score between 2 and 5) OR (ACCL score between 000 and 120) OR (BANM score between 2 and 5 AND EPCM score between 000 and 120) OR (BANM score between 2 and 5 AND MAPM score between 613 and 725) OR (BANM score between 2 and 5 AND MATE score between 26 and 48) OR (MATH 0310 w/S* or better) OR (MATH 0311 w/S* or better) OR (BANM score between 2 and 5 AND TAKM score between 2200 and 2821) OR (MATH 1411A w/C or better AND MATH 1411C w/C or better) OR (MATH 1508A w/C or better AND MATH 1508B w/C or better AND MATH 1508C w/C or better) OR (MDM1 score of Y) 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 (TAM score between 5 and 6 AND TSIM score between 310 and 335) OR (SMDG score of 1) OR (SXMN score of 1) OR (SXXI score of 1) OR (SXMN score of 1) OR (SXXI score of 1) OR (SXXI score of 1) OR (MATH 1310 w/C or better) OR (2TDM score of 5 AND 2TSM score between 910 and 949) OR (2TDM score between 1 and 4 AND 2TSM score between 910 and 949).

**ASTR 1307. Elem Astronomy-Solar System.**
Elementary Astronomy of the Solar System. (Common Course Number PHYS 1311) 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. (Common Course Number PHYS 1312) 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)