

Course Number

AST-200-01

Course Description

An examination of the physical principles governing the structure and evolution of stars. Topics include radiation laws, and the determination of stellar temperature, luminosity, and composition; radiative transfer and the interior structure of stars; nuclear fusion and nucleosynthesis; star clusters and stellar evolution; and stellar remnants (white dwarfs, neutron stars, pulsars, and black holes).

Academic Term

20/WI

Instructor

Wilkin, Francis

Location & Meeting Time

Integrated Science & Engineering Complex-387+ M/W/F 01:50PM-02:55PM LEC

Petition

N

Credits

1.00

Capacity

12

Total Students

9

Academic Department

Physics and Astronomy

Field Of Study

Astronomy (AST)