



EASTERN
GATEWAY
COMMUNITY
COLLEGE

**EASTERN GATEWAY COMMUNITY COLLEGE
COLLEGE CATALOG 2020-2021 ADDENDUM**

ORIGINAL CATALOG PUBLISHED March 2020

**Addendum approved by cabinet (date): 9/16/2020
Addendum published (date): 9/18/2020**

Catalog Addendum Purpose:

What is the purpose of this addendum?
Adding AST101 Introduction to Astronomy to the college catalog

Catalog Addendum Effective Date:

What is the effective date of this addendum?
Fall 2020

Catalog Addendum:

List the detailed changes to the catalog, i.e. updated curriculum grid, updated tuition or fee, updated policy, etc.

AST101 Introduction to Astronomy is an introductory course in the field of astronomy for the non-science major. The history of astronomy, the Universe, and astronomy as a physical science will be the focus of this course. Topics covered include, the use of Scientific method used in astronomy observational techniques, Earth, Moon and Sun, The Solar System, Planets, Asteroids, Comets and Meteors, Stars and Constellations, Galaxies, Manned and unmanned Space Exploration, Plate tectonics, Earth's landforms, Earthquakes, Volcanoes, Minerals and rocks, Geologic time, The Atmosphere, Earth's Energy Balance, Weather, Atmospheric Circulation, Climate. (Required Lab)

Lab: The laboratory portion of this course will focus on an introduction to laboratory principles and techniques in astronomy including astronomical observation and exercises to supplement theory with simulation on motions and changes in the sky, topics in planetary astronomy, measuring stellar magnitudes, spectral lines, and galactic astronomy.

The above information replaces, supplements, or updates, the corresponding section(s) of the 2020-2021 Catalog on Page(s) [List the page number(s) to which the addendum specifically applies.]