

COURSE DETAIL

HIGH ENERGY ASTROPHYSICS

Country

Canada

Host Institution

McGill University

Program(s)

McGill University

UCEAP Course Level

Graduate

UCEAP Subject Area(s)

Physics

UCEAP Course Number

210

UCEAP Course Suffix**UCEAP Official Title**

HIGH ENERGY ASTROPHYSICS

UCEAP Transcript Title

ASTROPHYSICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course is a graduate level course on high-energy astrophysics; undergraduates who wish to enroll in this course require the approval of McGill University and the UCEAP Systemwide Office. The course discusses topics including gas and radiation processes, shocks, supernovae, supernova remnants, neutron stars, compact objects in binaries, accretion disks, active galactic nuclei, X-rays, gamma ray bursts, high-energy telescopes, strong gravity, and magnetic fields.

Language(s) of Instruction

English

Host Institution Course Number

PHYS 645

Host Institution Course Title

HIGH ENERGY ASTROPHYSICS

Host Institution Course Details**Host Institution Campus**

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Physics

Course Last Reviewed

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