

## ASTRONOMY

### ASTR 1 Introduction to General Astronomy

**Units:** 3.0 **Hours:** 3.0 Lecture

**Transferable:** CSU-GE:B1, IGETC:5A, GAV-GE:B1

An introduction to the realm of astronomy and space science. Topics to be covered include the historical development of astronomy, the physics of gravitation and radiation, the solar system, stellar astronomy, galactic and extragalactic astronomy, and cosmology. **ADVISORY:** Mathematics 205 and eligible for English 250 and English 260.

## ATHLETICS

### ATH 9A Fundamentals of Soccer

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

**Transferable:** CSU-GE:E

This course offers basic instruction in the theory, strategies, and techniques of soccer for the purpose of preparing the individual student in the fundamental aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 9B Fundamentals of Soccer

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

**Transferable:** CSU-GE:E

This course offers review and advanced instruction in the theories, strategies and techniques of soccer for the purpose of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 10A Fundamentals of Softball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

Basic theory, strategies, technique, practice and conditioning of softball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 10B Fundamentals of Softball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

This course offers review and advanced instruction in the theory, strategies, and techniques of softball for the purposes of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** PE 10A or KIN 10A or ATH 10A.

### ATH 11A Fundamentals of Baseball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

Theory, strategy, technique, practice and conditioning of baseball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 11B Fundamentals of Baseball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

This course offers review and advanced instruction in the theory, strategies, and techniques of baseball for the purpose of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** PE 11A or KIN 11A or ATH 11A.

### ATH 12A Fundamentals of Football

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

Basic organization and administration of a football program involving equipment, practice schedules, personnel, conditioning, scouting, weight training, and football specific drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 12B Fundamentals of Football

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

The administration and organization of a football program involving practice schedules, personnel, equipment, scouting, conditioning, weight training, and football drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** PE 12A or KIN 12A or ATH 12A.

### ATH 13A Fundamentals of Volleyball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

This course offers basic instruction in the theory, strategies, and techniques of volleyball for the purpose of preparing the student in the fundamental aspects of playing and coaching the game. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 13B Fundamentals of Volleyball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

This course offers review and advanced instruction in the theory, strategies, and techniques of volleyball for the purpose of preparing the student in all aspects of playing and coaching the game. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** PE 13A or KIN 13A or ATH 13A.

### ATH 14A Fundamentals of Basketball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

Basic theory, strategy, technique, practice, and conditioning involved in basketball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

### ATH 14B Fundamentals of Basketball

**Units:** 2.0 **Hours:** 1.0 Lecture and 3.0 Laboratory

More in-depth and advanced instruction in the theory, strategy, practice and conditioning in basketball to better prepare the individual student in all aspects of playing and coaching the sport. Designed for the student who has already completed ATH 14A. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** PE 14B or KIN 14B or ATH 14B.

### ATH 21 Volleyball

**Units:** .5 OR 1.0 **Hours:** 1.5 OR 3.0 Laboratory

**Transferable:** CSU-GE:E, GAV-GE:E1

This is a sport specific course designed for our student-athletes. Fundamentals, strategy and rules of the game of volleyball are included. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

### ATH 25 Soccer

**Units:** .5 OR 1.0 **Hours:** 1.5 OR 3.0 Laboratory

**Transferable:** CSU-GE:E, GAV-GE:E1

This is a sport specific sport designed for our student-athletes. Fundamentals, strategy and rules of the game of soccer are included. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.