

Tuesdays 6:00-7:00pm

Dr. Adam K. Ryburn
Office: SCI 120, hours: M&TH 11–12 or by appointment

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COURSE DESCRIPTION AND OBJECTIVES

The course is designed to familiarize the students with the terminology used in biological disciplines. This familiarization will be accomplished by learning root words, prefixes, and suffixes from Latin and Greek and by studying word analysis techniques.

By the end of the course, successful students will be familiar with:

- the terminology of biological and medical disciplines;
- the proper pronunciation and understanding of origins of biological terms;
- the Latin and Greek derivation of biological terms, thereby facilitating the prediction/understanding of definitions for unfamiliar words.

TEXT & REQUIRED MATERIALS

Ryburn, A.K. 2009. *Commonly Used Biological Terms*. Self published. (provided in class)

COURSE PROCEDURES

This 300-level course is offered in the liberal arts tradition. Thus each individual is expected to learn, to understand, and to be able to use a body of facts and concepts. Each person is also expected to correlate this knowledge with that of his or her own discipline and that encountered in other biology courses.

Each individual is assumed to have completed the course prerequisites, taken other biology courses, and have a working knowledge of major biological principles. If deficiencies exist, the individual is expected to review independently basic information as necessary.

ATTENDANCE: Punctual attendance is essential to success in this course because of the integrated nature of the lectures and the quizzes. If you are not in class, you are not learning! Missed lectures, homework assignments, and quizzes **cannot** be made up unless justification for being absent from class is provided and accepted beforehand or within 24 hours of the date of the exercise. Arrive to class on time and do not leave class early.

CONDUCT IN LECTURES: Since all students are entitled to an environment that is conducive to learning, you are expected to keep disruptions to a minimum. You should be in class and ready to begin on time. If you do come in late, be as quiet as possible. All devices that generate sound, including pagers, **cell phones**, electronic games, radios, CD players and MP3 players (iPods, etc.) **MUST** be turned off before class begins. Disruption of class, whether by latecomers, noisy devices, or inconsiderate behavior (e.g. talking), will **NOT** be tolerated. Repeated violations by individuals may result in penalties, including being dropped from the class. If any of these devices are found to be operating during any exam or quiz, this action will result in failure of the assignment.

QUIZZES: Quizzes will be given weekly throughout the semester and will cover previously presented material. All points for the course will come from these weekly quizzes. The three lowest quiz scores will be dropped.

ASSIGNMENTS: In-class and take-home assignments will be given weekly throughout the semester. These short exercises will cover your knowledge on current topics and prepare you for the weekly quizzes.

ACADEMIC HONESTY

The university codes of academic honesty and conduct will be rigorously observed. In addition to the university criteria, the instructor makes the following provisos: any incident of academic dishonesty or academic misconduct, including cheating on quizzes, homework, etc., when confirmed will result in a failing grade for the course. It is the responsibility of each individual to insure that other individuals do not see his or her homework, report, exam, or quiz answers, etc., and that other individuals do not plagiarize or otherwise misuse his or her work. Passive cooperation is unacceptable; it will be considered academic dishonesty.

INTERNET RESOURCES

More information related to this course can be found at anytime by accessing the Angel site for this course (<http://angel.oneonta.edu>). Here you will find an updated schedule of upcoming events in class, copies of handouts and homework assignments, answer keys to quizzes, and homework assignments, and to check the current status of your grade in the course. To log in you will need to use your user ID and password. If any problems arise while trying to use or access the site, contact Dr. Ryburn.

The instructor reserve the right to modify the requirements of the course, the format of the assessments, and the scheduling of activities as necessary to enhance the learning process.

TENTATIVE SCHEDULE OF ACTIVITIES

| <u>DATES</u> | <u>TOPIC</u> |
|----------------|---|
| Week 1 (1/20) | Latin alphabet and grammar |
| Week 2 (1/27) | Latin declensions |
| Week 3 (2/3) | Latin adjectives, nouns, and forming suffixes |
| Week 4 (2/10) | Latin word lists and assessments |
| Week 5 (2/17) | Latin word lists and assessments |
| Week 6 (2/24) | Winter Break (No Classes) |
| Week 7 (3/3) | Latin word lists and assessments |
| Week 8 (3/10) | Latin numerals |
| Week 9 (3/17) | Latin prefixes |
| Week 10 (3/24) | Greek alphabet |
| Week 11 (3/31) | Greek adjectives, nouns, and forming suffixes |
| Week 12 (4/7) | Spring Break (No Classes) |
| Week 13 (4/14) | Greek word lists and assessments |
| Week 14 (4/21) | Greek word lists and assessments |
| Week 15 (4/28) | Greek prefixes |
| Week 16 (5/5) | Course Review |