

Smart Path Core Online Fall 2018

BIOL 1030 - ORGANISMAL BIOLOGY SYLLABUS – Online Section P60 (CRN 81946)

Lecture: BIOL 1030 CRN 81946 - 3 Credits

Co-requisite Laboratory: BIOL 1040L – Online section P60 – CRN 81950 - 1 Credit – see lab syllabus online for details

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CATALOG DESCRIPTION:

BIOL 1030. Introduction to Biology: Organismal Biology. 3 Hours.

Corequisite: **BIOL 1040L**. This course cannot be taken for credit toward the major in biology. An introduction to modern biology for the non-major with special emphasis on the processes involved in the development and maintenance of complex multicellular organisms.

BIOL 1040L. Organismal Biology Lab. 1 Hour.

Corequisite: **BIOL 1030**. This course cannot be taken for credit toward the major in biology. A laboratory course to accompany Biology 1030, emphasizing the structure of multicellular organisms.

COURSE OBJECTIVES:

COURSE MATERIALS:

Textbook:

The text is available free online, in a variety of formats, and a print version or mobile app are available to purchase.

Lab: The co-requisite Biology 1040P60 lab requires that you purchase a license to access online laboratory simulations provided by "Labster"™ Company (<https://www.labster.com/>). See the lab syllabus and instructions posted on the BIOL 1040/P60 site for detailed instructions on registering for and using Labster.

Exams: five

Quizzes

Discussion board: There will be a weekly online discussion board. Participation is required. You must make at least one original contribution and respond to a least 2 other student postings for each weekly session. Grading of discussions will be based on the following rubric:

Rubric: Each discussion will be worth 100 points distributed:

- 50% Participation
- 10 % Understanding of principles
- 10% Terminology use
- 15% Originality of contributions
- 15% External source contribution

The lowest score for discussions will be dropped. The average of discussion participation sessions will be worth 10% of your final total grade.

OVERALL GRADING:

100point scale

SPECIAL NOTE:

Call 333-7570