



CHIPOLA COLLEGE

COURSE SYLLABUS

Chipola's website: www.chipola.edu

COURSE TITLE:

History of Biology

COURSE NUMBER:

BSC 4101

COURSE DESCRIPTION (with prerequisites):

This course is an introduction and overview of the historical development of biological theories, principles, and methods. This course is intended for students who plan to teach biological science. It will provide them with the historical perspective needed to prepare a well-rounded lesson. It is also appropriate for students majoring in the biological sciences to ground them in the history of their discipline. This course surveys the history of the natural sciences beginning with the natural philosophers of ancient Greece and continuing through the Middle Ages, Renaissance and into the Modern Era. Taught as a series of historical episodes, the course will include discussion of original literature about the scientific process, including the social and philosophical implications of that process.

NAME(S) OF INSTRUCTORS:

TBD

EFFECTIVE ACADEMIC YEAR:

currently not taught

REQUIRED TEXTBOOKS AND INSTRUCTIONAL SUPPLIES:

TBD

GRADING POLICY:

The standing of a student in each course is expressed by one of the following letters and corresponding grading system:

A – 90 – 100

B – 80 – 89

C – 70 – 79

D – 60 – 69

F – 59 or less

The Chipola Catalog provides policies and procedures regarding the grading system. A student's Grade Point Average is derived from the grading system/quality point scale.

ATTENDANCE AND WITHDRAWAL POLICIES:

Chipola College expects regular attendance of all students. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor. Chipola policy allows each instructor to specify in the Instructor First Day

Handout whether or not an absence is excusable and what affect the absence or tardy may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. **On the third attempt a student (1) must bear the full cost of instruction (unless waived by Student Services), (2) cannot withdraw, and (3) must receive a grade.**

MAKE-UP POLICY:

Chipola allows each instructor to specify in the Instructor First Day Handout the makeup policy.

ACADEMIC HONOR CODE POLICY:

Students are expected to uphold the Academic Honor Code. Chipola College's Honor Code is based on the premise that each student has the responsibility to (1) uphold the highest standards of academic honesty in his/her own work; (2) refuse to tolerate academic dishonesty in the college community; and (3) foster a high sense of honor and social responsibility on the part of students. Further information regarding the Academic Honor Code may be found in the Chipola Catalog, Student Governance section.

STUDENTS WITH DISABILITIES POLICY:

Chipola College is committed to making all programs and facilities accessible to anyone with a disability. Chipola's goal is for students to obtain maximum benefit from their educational experience and to effectively transition into the college environment. Students with disabilities are requested to voluntarily contact the Office of Students with Disabilities to complete the intake process and determine their eligibility for reasonable accommodations.

LIBRARY AND ON-LINE REFERENCE MATERIALS:

The library is a comprehensive learning resource center providing information in print, electronic, and multimedia format to support the educational objectives of the College. On-line catalogs, e-books and electronic databases can be accessed by using the *LINCCWeb* icon on the Chipola Library website at www.chipola.edu/library. If you have questions about database usage consult the "How to Use the Chipola Databases" on the Library website or call the Library at 850/718-2274 during regular hours. Library hours are posted each semester at the building entrance and on the Library website. See your Instructor First Day Handout for individual instructor recommendations and resources.

TECHNOLOGY RESOURCES:

The college's learning management system is **Canvas**. Classes become available on Canvas on the first day of the semester. It is the student's responsibility to log onto the Canvas system the first day of class to establish the first day of attendance and to check announcements. All official class communication must be through Canvas. For further information, contact your instructor or the Director of eLearning. The Canvas support hotline is available online in live chat and on the phone, toll-free, at 855-308-2812 for any issues in accessing or utilizing Canvas. The **Information Technology**

Center, located in the library, is equipped with computer workstations. Lab hours are posted each semester at the building entrance and on the Library website.

FREE TUTORING RESOURCES:

The Academic Center for Excellence (**ACE**) Lab, located in Building L, offers free tutoring from 8 a.m. to 5 p.m. and is equipped with computer workstations. ACE lab hours are posted each semester at the room entrance and on the website. Additionally, Chipola College has contracted **Smarthinking**, a Pearson Company, for online tutoring services, accessible especially from 5 p.m. to 8 a.m. and weekends. Smarthinking can be accessed through Canvas.

ELECTRONIC DEVICE USAGE STATEMENT:

Classrooms should be free of all unnecessary distractions from the task of learning. Therefore, as a general rule, students should silence and avoid use of all electronic devices (laptops, phones, tablets, etc.) not being used for coursework. Consult first-day handouts for any specific policies related to the use of electronic devices in the classroom, as they may vary depending upon the nature of the course or the guidelines of the instructor. Faculty reserve the right to regulate the use of electronic devices and their accessories in class.

DISCIPLINE SPECIFIC COMPETENCIES / LEARNING OUTCOMES:

BSC 4101 is not a General Education course.

| LINKING COURSE-LEVEL STUDENT LEARNING OUTCOMES WITH DISCIPLINE-SPECIFIC COMPETENCIES, ASSESSMENT METHODS, AND ARTIFACTS | | | |
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| COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR BSC 4101 | DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES | ASSESSMENT METHODS FOR COURSE LEVEL STUDENT LEARNING OUTCOMES | ARTIFACTS FOR AA PROGRAM ASSESSMENT |
| <ul style="list-style-type: none"> Recall the sequence of events that led to the development of modern scientific thinking. Identify the social and cultural impact that the major theories in biological science have had on humanity. Describe the “nature of science” and “science as a way of knowing” as different from “other ways of knowing”. | NS-3, NS-4, NS-5, M-1 NS-2, NS-4, NS-5, M-1, M-2 NS-1, NS-2, NS-3, NS-4, NS-5 | H, W, RP, RPT, F H, W, RP, RPT, F H, W, RP, RPT, F | Critical reviews, Research paper, and multimedia presentation |
| **Assessment Codes | | | |
| T = Tests Pre/Post = Pre- and Post-Tests OT = Objective Tests UT = Unit Tests Q = Quizzes F = Final Examination CF = Cumulative Final EX = Departmental Exam | RPT = Report/Presentation SP = Skills Performance SD = Skills Demonstration W = Writing Assignments E = Essays DE = Documented Essays RP = Research papers J = Jury | Proj. = Projects Exp. = Experiments Cap. Proj. = Capstone Project Cap. Course = Capstone Course Prac. = Practicum Intern. = Internship H = Homework | BO = Behavioral Observation Clin. = Clinicals CS = Case Study CP = Case Plan Port. = Portfolio Obs. = Teacher Observation Sk. Check = Skills Check-off Curriculum Frameworks |

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| SE = Nat'l or State Standardized Exam | R = Recital | PS = Problem Solving DB = Discussion Board | JP = Judged Performance/Exhibition |
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MEANS OF ACCOMPLISHING STUDENT LEARNING OUTCOMES:

Readings will be discussed in class and students will be required to write critical reviews of their assigned readings. Students will be asked to share their critical review with the class so that all points-of-view can be examined. Homework will be assigned on a regular basis. Students will be required to do guided, independent research that will culminate with a research paper and a multimedia presentation. A final exam will also be given.

ASSIGNMENT AND/OR COURSE OUTLINE

See your Instructor First Day Handout for individual instructor assignment schedule.