Course BIO-102 -05 (4)

Description This is a continuation of introductory biology which includes classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses). Vertebrate animals and vascular plants are emphasized.

Location 028-100

Day & Time (02:00-3:15PM) WTH -
(03:30-04:45PM) WTH

Instructor Meenu Shukla

Office Hours M 8:00-9:00
T 8:30-9:30
W 1:00-3:00
TH 1:00-2:00
F 9:00-12:00

Telephone 803-793-5142
Email shuklam@denmarktech.edu

ADA accommodations for individuals with documented disabilities. Student should notify the instructor in writing on the first day of the class if special arrangements are needed


Required Reading Each student will be responsible for a thorough acquaintance with the contents of the text and other assigned readings. Each student is required to have in his or her possession the required textbook for this course.

Tutoring Support On-line access code from the book.
**Teaching Method:** based opportunities and hybrid online sessions. The teacher may implement innovative teaching strategies during the semester.

**Test Schedule:**

**Grading Scale:** The following grading scale will be used:

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 59-00 F

**Bibliography:** Introduction to Biology, Sylvia Mader, 2004, Darwin for beginners, Miller & Borin, 2004

**Attendance Policy:** Regular class attendance is required. I will follow the policy as indicated in the college catalog and student handbook concerning attendance. Attendance will be included in assigning the final grade. If the student misses over the required number of excused absences, your final grade can be dropped a letter. Students who are absent for an extended period of time will be required to obtain a statement from the Vice President of Student Affairs documenting the students' reason for the absences. If the student misses more than ten minutes of class by either arriving late or leaving early, then the student will be counted as absent, missing less than ten minutes is tardy. Three days tardies is count as one day absence. A student who is absent for more than 25% of the scheduled class meetings each semester cannot receive credit for the courses.

**Academic Honesty:** Academic dishonesty in the school work shall encompass misconduct during testing periods (unauthorised use of voice, textbooks, papers, cell phone, cell phone or any aids created for use in cheating on an examination, test or classroom exercise) and inadequate acknowledgement of source material used in term of papers, reports, and other academic projects. A failing grade will be given on the work relating to the dishonest act. Academic Misconduct: Plagiarism - I will follow the policy as indicated in the college catalog and student handbook (page 27, C, Section IV.B.2 a.b.c.d)

**Library Assignment:** Each student will review materials in the library on the following topics: 1-How energy of the sun becomes the energy of human through the agency of green plants. 2-Did humans come to earth through evolution or creation? A term paper on one of these topics will be submitted to me at the end of the semester. The paper are to be double spaced, typed written four pages, and type written. This paper will carry 100 points.

**Academic Support:** On-line tutoring services: www.smarthinking.com
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<thead>
<tr>
<th>Assignments</th>
<th>Outcome</th>
<th>Weight</th>
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<tbody>
<tr>
<td>1 Research Paper/Presentation</td>
<td>Demonstrate research skills to collect analyze and synthesize informations and articulate before the peers.</td>
<td>20</td>
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<tr>
<td>2 Final Exam</td>
<td>BIO 102 Final Exam.</td>
<td>20</td>
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<tr>
<td>3 Unit Examination (1)</td>
<td>BIO 102 Unit Exam(1).</td>
<td>15</td>
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<tr>
<td>4 Participation/Daily Average Grade</td>
<td>Students must attend 75% of the class and complete the assignments.</td>
<td>15</td>
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<tr>
<td>5 Unit Examination (2)</td>
<td>BIO 102 Unit Exam(2)</td>
<td>15</td>
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<tr>
<td>6 Unit Examination (3)</td>
<td>BIO 102 Unit Exam. (3)</td>
<td>15</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>100</strong></td>
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Course Outcomes

After successfully completing the course student will be able to:

1. Apply critical thinking in solving problems by breaking down problems into smaller components which are solvable by mathematical techniques.
2. Apply critical thinking in scientific laboratory activities.
3. Demonstrate and apply scientific reasonings and principles through the study of science and Anatomy and Physiology.
4. Apply concepts from the social and behavioral sciences.
5. Demonstrate self-concept and self-awareness and analyze human and social concepts.
6. Demonstrate application of quantitative reasoning.
7. Solve problems.
8. Demonstrate global perception.
9. Articulate a sense of ethical standards.
10. Demonstrate increased self-awareness.
11. Articulate a sense of moral responsibilities.