BSC1005 LIFE IN ITS BIOLOGICAL ENVIRONMENT (420567)

PROFESSOR INFORMATION

David P Byres
david.byres@fscj.edu

Instructor Response
You can anticipate responses to inquiries and questions within 24-48 hours of receipt.

OFFICE HOURS

<table>
<thead>
<tr>
<th>Days</th>
<th>Hours</th>
<th>Campus</th>
<th>Room</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>11:15 – 12 noon</td>
<td>South</td>
<td>D-119</td>
<td>(904) 646-2038</td>
</tr>
<tr>
<td>Thursday</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Course Description
Description: This course is an introduction to biological structure, function processes, principles and concepts. This course fulfills the General Education Requirement.
Prerequisites: None
Corequisites: None.
Degrees Offered: A.A., A.S.

Course Information

<table>
<thead>
<tr>
<th>Course Number / Title</th>
<th>BSC1005/LIFE IN ITS BIOLOGICAL ENVIRONMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference Number</td>
<td>420567</td>
</tr>
<tr>
<td>Number of Credit Hours</td>
<td>3.00</td>
</tr>
<tr>
<td>Term / Year / Session / Length</td>
<td>Summer/2015/A/8</td>
</tr>
</tbody>
</table>
Class Begins | 05/06/2015
---|---
100% Refund Deadline | 05/13/2015 7:00 PM (ET)
Non-Attendance Drop | 05/21/2015 7:00 PM (ET)
Withdraw with "W" Deadline | 06/09/2015 7:00 PM (ET)
Class Ends | 06/28/2015

College Holiday(s)
5/25/2015

Technical Maintenance

These dates are critical for this course. Additional critical dates for this course can be found by clicking the appropriate term links in the online calendar (http://www.fscj.edu/mydegree/academics/calendar/) at the Florida State College at Jacksonville Website.

COURSE LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Room</th>
<th>Times</th>
<th>Days</th>
<th>Session Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONLINE – MOST ACTIVITIES ONLINE</td>
<td>TBA</td>
<td>TBA</td>
<td>Online</td>
<td>05/06/2015 - 06/28/2015</td>
</tr>
</tbody>
</table>

NOTE: You must come into campus to take the four proctored lecture tests.

INSTRUCTIONAL MATERIALS AND EQUIPMENT

If you have not done so already, obtain your optional textbook and related course materials. Biology; by Openstax (free download from https://openstaxcollege.org/textbooks/biology/get )

Required Text / Materials

***** No Textbook Required For This Course – see the optional download information above. *****

ONLINE DELIVERY SYSTEM

This course will be delivered using the Blackboard Learn™ course management system. Blackboard™ Supported Browsers for Blackboard Version 9.1 SP7

View Blackboard’s (http://kb.blackboard.com/pages/viewpage.action?pageId=84639794) Supported Browsers and Operating Systems page to see if your browser and operating system are compatible. Please note the following when reviewing the Blackboard compatibility ratings.

Certified: 100% Compatible
Compatible: Compatible in most areas, but could have some incompatibility issues
Unsupported: Not tested and not recommended

TECHNOLOGY REQUIREMENTS
Reliable and consistent computer and Internet access is encouraged to successfully participate in and complete online courses. Ensure that your computer meets the minimum system requirements noted below and on the Florida State College at Jacksonville Distance Learning/Online Courses site. Please use the following checklist to determine your computer readiness.

You should own or have access to:
- An email account
- Computer with high speed access to the Internet
- Access to College computers when needed
- Virus-checking software
- Word-processing software
- Software and plug-ins that may include (choose the titles for the free downloads)
  - Adobe Acrobat Reader (http://get.adobe.com/reader/)
  - Flash Player (http://get.adobe.com/flashplayer/completion/activex/?a=true)
  - RealPlayer (http://www.real.com/realplayer)
  - Shockwave Player (http://get.adobe.com/shockwave/)

It is a good idea to check your computer at the beginning of each course and a couple of times throughout the term to ensure you have all the necessary software and plug-ins to use the Blackboard online system and course features. After logging in to Blackboard, choose the Browser Checker link. Review the results and choose the links to the recommended software.

Please note that you will need to turn off your pop-up blocker to use all features of this online course.

COURSE INFORMATION
1. Description: This online course gives a broad overview of Biology. There are no prerequisites and the course assumes that you have had little, or no, biology before. We basically start from scratch. The course covers biochemistry, cell structure, genetics, evolution and ecology.

2. General outline: This course is a 3 credit hour course. Typically you would have 6 hours of lecture a week in an 8-week course, but in this online course, most of your work is done on the computer (see the schedule). You must come into campus, or to a proctored testing site every 2 weeks to take a test. Tests are computer based and you cannot use notes, books or the Internet during a test.

3. Course outline and study hints: This course is taught on the web. The online website will have notes that summarize the main information from the textbook. You may need the textbook because it will explain the notes, and provides diagrams, photos etc so that you can understand the material. In addition, there will be Internet worksheet exercises that you will do to supplement the information. Finally, you will get points for contributing to online discussions.

To do well in this class I suggest that every week you:

1. Print out and study the essential notes from the website.
2. Read the chapter in the textbook to make sure you understand the notes. (Optional)
3. Complete the Internet worksheet assigned for that week (see the schedule).
4. Post a comment on the weekly Discussion Board in the Blackboard website
5. Before you take a lecture test, print out and answer the sample test questions.

4. **E-mail**: In this online course E-mail will be an important method of communication. In any E-mail please include your name and the online course (BSC 1005 A8 term) at the bottom of the E-mail. Both E-mail and discussion forums require that you follow standard rules of "netiquette" : do not write any offensive material. Any student that ignores this requirement will be withdrawn from the class. **Note**: all E-mail from Blackboard will be sent to your FSCJ E-mail account, not your regular (such as Yahoo) E-mail. Make sure you check your FSCJ E-mail at least twice a week.

5. **Tests**: You will take 4 lecture tests during the semester. The lecture tests are based on the material in the essential notes. Tests will be a mixture of multiple choice, short answer and write a sentence. Each lecture test is worth 150 points. To see which chapters are covered by a particular test, look at the schedule. You must schedule a time and location for each test. You can do this online using the link at: [http://www.fscj.edu/mydegree/distance-learning/testing/course.php](http://www.fscj.edu/mydegree/distance-learning/testing/course.php).

6. **Worksheets**: Internet exercises will be used to supplement the lecture notes. You will do 8 exercises, each worth 25 points. **Note**: this is individual work, so you need to do this work yourself. If two students hand in exactly the same answers they will both get 0 points for the worksheet. Please read the college policy on academic dishonesty. You should print out the worksheets, go to the websites listed and answer the questions. You should E-mail the completed worksheets to me the week that they are due. Late work will not be accepted. **The deadline for your assignments every week is midnight on Saturday (Eastern Time).**

7. **Discussion Board**: Every week there will be an online Discussion Board set up in the Blackboard website. You should post one comment of at least 6 sentences to the Discussion Board, and also respond to two other students’ posts. Your comments will be graded for content and correct spelling and grammar.

**CALENDAR OF ACTIVITIES**

<table>
<thead>
<tr>
<th>Week</th>
<th>Date (Monday)</th>
<th>Tests (Thurs – Sun)</th>
<th>Lecture notes</th>
<th>Internet worksheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5/4</td>
<td>1: Scientific method 2: Water and cells</td>
<td>1: Scientific method</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5/11</td>
<td>Test 1 3: Diet 4: Earth warming</td>
<td>3: Organic molecules</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>5/18</td>
<td>5: Cancer 6: Genetics</td>
<td>9: Mitosis and cancer</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>5/25</td>
<td>Test 2 7: DNA detective 8: Genetic engineering</td>
<td>12: Biotechnology</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6/1</td>
<td>9: Evolution</td>
<td>13: Evolution</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6/8</td>
<td>Test 3 10: Natural selection 11: Species and Race</td>
<td>14: Human evolution</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>6/22</td>
<td>Test 4 14: Community ecology</td>
<td>16: Community ecology</td>
<td></td>
</tr>
</tbody>
</table>
Grade Scale

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 lecture tests (each 150 points)</td>
<td>600 points</td>
</tr>
<tr>
<td>8 Internet worksheets (each 25 points)</td>
<td>200 points</td>
</tr>
<tr>
<td>8 Discussion Boards (each 25 points)</td>
<td>200 points</td>
</tr>
<tr>
<td><strong>Total points</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>900 - 1000</td>
</tr>
<tr>
<td>B</td>
<td>800 - 899</td>
</tr>
<tr>
<td>C</td>
<td>700 - 799</td>
</tr>
<tr>
<td>D</td>
<td>600 - 699</td>
</tr>
<tr>
<td>F</td>
<td>0 - 599</td>
</tr>
</tbody>
</table>

**FN GRADE - FAILURE FOR NON-ATTENDANCE**
A Failure for Non-Attendance (FN) grade indicates that a student has failed a course due to non-attendance. It is calculated as an “F” in the student’s grade point average. For students receiving financial aid, failure for non-attendance may require the student to refund to the College all or part of his or her aid. The FN grade will be assigned by the faculty member at any time following the final withdrawal date for the course. See the College’s page on Grading policies (http://fscj.edu/grading) for more information.

**I GRADE - INCOMPLETE**
Incomplete (I) grades may be awarded based on the criteria in the College catalog. See the College’s page on Grading policies (http://fscj.edu/grading) for more information.

**COURSE GUIDELINES & POLICIES**
If you do not post a comment in a Discussion Board, or submit an assignment in the first 10 days of class you will be dropped from the class (NA grade: Fail due to Non-attendance).

**Assistance**: If you are having difficulty with the course, please E-mail me for additional help.
**Institutional Effectiveness**: Student work in this class may be collected by the College for the purpose of assessing the institutional effectiveness and measuring general education competencies. The artifacts collected and submitted for this purpose will be done so anonymously.

**Policy on repeating class**: Students may repeat a course in an attempt to improve a grade previously earned. State Board Rule 6A-14.0301 limits such attempts to courses where a D, F, or FN grade was earned, and limits to two the number of times a course grade may be forgiven. The official grade, and the grade used in calculating the GPA, shall be the last grade earned in the course. In other words, a student may not repeat a course for which they have received a "C" grade or better.

A student may have only three total attempts in any course, including the original grade, repeat grades, and withdrawals. Upon the third attempt in a course, the student must be given an A, B, C, D, or F. A fourth attempt may be allowed only through an academic appeals process based on major extenuating circumstances. On the 3rd attempt, out of state tuition is charged, which is about four times the in-state tuition.

**ACADEMIC DISHONESTY**

Please read the college policy on academic dishonesty.

**LATE MAKEUP WORK**

If you miss the deadline for a Discussion Board or Internet worksheet you will receive a zero for that assignment. If you miss a lecture test you must make arrangements with your instructor to make-up that test within 7 days of the due date.