“Through the academic disciplines and co-curricular activities, general education provides multiple, varied, and intentional learning experiences to facilitate the acquisition of fundamental knowledge and skills and the development of attitudes that foster effective citizenship and life-long learning.”

After almost two years of discussion, Miami Dade College has determined that by the time you have graduated from the College, you should be able to demonstrate the following knowledge and skills known as the General Education Outcomes. Read more about them at:  
http://www.mdc.edu/Home/about/president/Presidents+Message/General+Education+Outcomes.htm

Accordingly, I have structured your BSC 1050 coursework to help you to become proficient in these outcomes. Think of these course activities as “vitamins” that help you meet the College’s learning requirements.

<table>
<thead>
<tr>
<th>General Education Outcome</th>
<th>Where covered in the course</th>
<th>Course Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Course Objectives (Unit / Objective)</td>
<td>(3) in-class and (2) out of class required writing assignments</td>
</tr>
<tr>
<td></td>
<td>Syllabus</td>
<td>writing assignments for all extra credit fieldtrips, movies, meetings and events</td>
</tr>
<tr>
<td></td>
<td>Heavy – Medium – Light coverage of outcome</td>
<td>daily discussion that involves every student</td>
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<td></td>
<td></td>
<td>required course reading for online practice quizzing</td>
</tr>
<tr>
<td>1. Communicate effectively using listening, speaking, reading, and writing skills.</td>
<td>Described in Syllabus</td>
<td><strong>D. A Crowded World</strong></td>
</tr>
<tr>
<td></td>
<td>Light coverage of writing outcome</td>
<td>In-class writing activity #3</td>
</tr>
<tr>
<td></td>
<td>Heavy coverage of reading, listening &amp; speaking outcomes</td>
<td>– Human Population Demographics Table</td>
</tr>
<tr>
<td>2. Use quantitative analytical skills to evaluate and process numerical data.</td>
<td><strong>D. A Crowded World</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 3. Solve problems using critical and creative thinking and scientific reasoning. | • **B. Humans in the Environment**  
• Heavy coverage of outcome | • Unit lecture / discussion |
|---|---|---|
| 4. Formulate strategies to locate, evaluate, and apply information. | • **D. A Crowded World**  
• Light coverage of outcome | • In-class writing activity #3: *Human Population Demographics Table*  
• Out-of-class writing options: *Electronic Presentation, Biology-Critical Analysis Review Project* |
| 5. Demonstrate knowledge of diverse cultures, including global and historical perspectives. | • **A. Earth Ethics, Values & Worldviews**  
• Medium coverage of outcome  
• All other Units have global focus | • Daily lecture/discussion  
• In-class writing assignments #1, 2: video/study guides: *Keeping the Earth and Race To Save The Planet – Remnants of Eden* |
| 6. Create strategies that can be used to fulfill personal, civic, and social responsibilities. | • Syllabus  
• **Unit A – Earth Ethics, Values & Worldviews**  
• **Unit B – Humans in the Environment**  
• All other Units focus on steps individuals can take to be responsible global citizens | • Opportunities for service-learning earn written assignment or extra credit points  
• Unit A – lecture / discussion of environmental justice/racism  
• Unit B – lecture / discussion of role of citizens in affecting change in society |
| 7. Demonstrate knowledge of ethical thinking and its application to issues in society. | • **Unit A – Earth Ethics, Values & Worldviews**  
• Heavy coverage of outcome  
• All other Units have discussion of ethics re: environmental problems and solutions | • all Unit lectures / discussions & in-class writing #1: video study guide for *Keeping the Earth*  
• |
| 8. Use computer and emerging technologies effectively. | • Syllabus explains required use of textbook companion web site  
• medium coverage of this outcome | • word processing papers  
• online practice quizzes  
• access to all course materials online  
• email for communication  
• podcasts of selected course topics available from Dept |
### 9. Demonstrate an appreciation for aesthetics and creative activities.
- Described in Syllabus (Extra Credit)
- Light coverage of outcome
- Participation in outdoor fieldtrips
- Creative documentation of outdoor learning experiences (through creative writing, photography and music)

### 10. Describe how natural systems function and recognize the impact of humans on the environment.
- The overall goal of the entire BSC 1050 course
- Heavy emphasis on this outcome
- All course activities are directed towards meeting this outcome.