



Course Outcomes Form Northwest Indian College

All hand-outs are posted on the faculty website at www.nwic.edu/faculty (follow the Assessment link)

Before completing this form, please refer to the *Instructions for Completing the Course Outcomes Form*. Please submit this form electronically to amkarlberg@nwic.edu.

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| Last date this form was updated or edited | February 15, 2006 |
| Course Number (e.g., ENGL 101) | BIOL 201 |
| Course Name (e.g., English Composition I) | Cell Biology |
| List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person) | Roberto Gonzalez-Plaza, anyone else? |
| List the main textbooks, readings or other resources used in this course (including title, year and publisher) | Please fill in |
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A. **NWIC outcomes:** From the *List of NWIC Outcomes*, select the most important outcomes you assess in this course (at least one NWIC outcome must be chosen).

| NWIC outcome # (e.g., “Written communication: 2a. write standard English”) | Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity) | Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays) |
|---|--|---|
| Quantitative Skills: 5b. Use analytical and critical thinking skills to draw and interpret conclusions | Students will answer chapter questions and will attend lab demonstrations | Students will select correct answers from multiple choice tests and will be able to follow lab protocols |
| Computer Skills: 4d. Use the Internet for research | Students will understand the importance of the source working with instructor. | Students will write a paper based on their research |
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B. Course outcomes: In order of priority, list the most important other learning outcomes for this course that you assess (a maximum of 8).

| Other course outcomes: Complete the sentence – As a result of this course, students will be able to... | Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity) | Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays) |
|---|--|---|
| List differences between prokaryotic and eukaryotic cells | Looking at images and using the microscopes | Drawing diagrams of cells |
| Summarize the organization of the genome[s] | Please fill in | Describe in writing and diagrams the organization of the genome |
| Describe the flow of information from DNA to protein | Please fill in | |
| List biotechnology perspectives in the near future | Please fill in | Written description of molecular and cellular mechanism of disease |
| Perform complete laboratory protocols. | Please fill in | Propose an original protocol |
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C. Please list the NWIC outcomes and course outcomes from above on your syllabus.