

**Course Number** BIO102  
**Course Title** Introduction to Biology  
**Instructor** TBE  
**Office Hours** by appointment  
**Required Text(s)** Biology  
*Minkoff, Barron's 2008*

**Course Description and Goals:** This course teaches fundamental life processes and concepts all living things. It emphasizes cell, including its physiology and structure, molecular biology, genetics, and evolution.

**Grading Policy:** The formal grading system utilized by the instructor conforms to recognized education standards.

| Grade | Percent | Standing     |
|-------|---------|--------------|
| A     | 90-100  | Excellent    |
| B     | 80-89   | Very Good    |
| C     | 70-79   | Satisfactory |
| D     | 60-69   | Poor         |
| F     | 0-59    | Failing      |

**Assessment Scale:** Grades are based on written or oral mid-term and final examinations and weekly exercises, session quizzes, assigned homework, attendance, and class participation.  
 30% attendance, class participation, assigned homework  
 30% mid-term oral/written examination  
 40% final oral/written examination

### Course Schedule

| Day     | Topics   | Chapter |
|---------|--|---------|
| Week 1  | Biology as a science   | Chap.1  |
| Week 2  | The chemical basis of life   | Chap. 2 |
| Week 3  | Cells and tissues  | Chap. 3 |
| Week 4  | Bioenergetics  | Chap. 4 |
| Week 5  | <ul style="list-style-type: none"> <li>• <b>Midterm Exam</b></li> </ul> Genetics and development | Chap. 5 |
| Week 6  | Structure and function of body systems   | Chap.6  |
| Week 7  | Control of bodily functions  | Chap.7  |
| Week 8  | Ecology  | Chap. 8 |
| Week 9  | Organic diversity  | Chap. 9 |
| Week 10 | <ul style="list-style-type: none"> <li>• <b>Final Exam</b></li> </ul>                            |         |