**PATHOPHYSIOLOGY**
**BIO 34**
**TENTATIVE LECTURE SCHEDULE**

BAKERSFIELD COLLEGE I. DEVLIN-KELLY
SPRING, 2009

| WEEK | DATES | LECTURE TOPIC | CHAPTER |
|---|---|---|---|
| 1. | 1/19 | MLK Day—No Classes, 1/19<br>Introduction and Terminology | <br>1, |
| 2. | 1/26 | Cellular Injury<br>Inflammation, | 1,<br>2 |
| 3. | 2/2 | Fever,<br>Pain<br>Nervous System Disorders<br>Test I | <br>13<br>22,23 |
| 4. | 2/9 | Visual and Hearing Disorders<br>**2/12 Lincoln's Day** | 24 |
| 5. | 2/16 | **2/16 Washington's Day-No Classes**<br>Blood Disorders, Hemostasis<br>Venous Disorders<br>**2/20: LAST DAY TO WITHDRAW WITHOUT A "W"** | <br>17<br>18 |
| 6. | 2/23 | Test II<br>Arterial Disorders & Atherosclerosis<br>Congenital Heart Disorders<br>Acquired Heart Disorders, | <br>18<br>18<br>18 |
| 7. | 3/2 | Heart Failure,<br>Shock<br>Hypertension | 18 |
| 8. | 3/9 | Test III<br>Respiratory Disorders | <br>19 |
| | 3/16 | Gastrointestinal Disorders | 20 |
| 9. | 3/23 | Disorders of the Accessory Structures of the GI Tract | 20 |
| 10. | 3/30 | Test IV<br>Endocrine Disorders<br>4/4: LAST DAY TO WITHDRAW | <br>25 |
| 11. | 4/6 | **SPRING BREAK—NO CLASSES** | |
| 12. | 4/13 | Endocrine Disorders (continued)<br>Diabetes Mellitus | 25 |
| 13. | 4/20 | Test V<br>Fluid & Electrolyte Disorders | 6 |
| 14. | 4/27 | Kidney Disorders | 21 |
| 15. | 5/4 | Genetics & Genetic Disorders<br>Disorders of the male & female reproductive systems | 7, 3(p 55-59)<br>28 |
| **16.** | **5/11** | **FINAL EXAM:**<br>**PM Class: Mon, May 11, 5:25-7:25** | |

**This schedule may be changed at the discretion of the instructor.

**TEXTBOOK:**
Barbara E Gould, ***PATHOPHYSIOLOGY for the Health Professions, 3rd Ed.,*** 2006, Saunders, Elsevier Publisher.
ISBN 10: 1-4160-0210-3
ISBN 13: 978-1-4160-0210-9

**STUDY GUIDE:**
Gould & Buttle, ***STUDY GUIDE for PATHOPHYSIOLOGY for the Health Professions, 3rd Ed.,*** 2006, Saunders, Elsevier Publisher,
ISBN 10: 1-4160-2582-0
ISBN 13: 978-1-4160-2582-0

**ADDITIONAL OPTIONAL STUDY AIDS:**
Will be available in class for you to examine and decide if they are right for you.

| **Student Learning Outcomes**<br>Upon completion of this course you should be able to: |
|---|
| 1. Employ the scientific method as a way of thinking, and as a process for doing science. |
| 2. Identify and use Latin roots, prefixes and suffixes in scientific terminology. |
| 3. Analyze pathological conditions of the major body systems to determine what perturbations of the homeostatic condition lead to the signs and symptoms of that condition. |
| 4. Recognize Bio-ethics issues. Examine and discuss multiple sides of these issues. Formulate a personal stand on an issue based on examination, discussion and evaluation |
| 5. Recognize deviations in the normal metabolic pathways that lead to pathological conditions. |
| 6. Demonstrate knowledge of the etiology, pathogenesis, diagnosis and treatment of high incidence pathological conditions. |
| 7. Investigate, analyze and appraise the effects of the external environment on the body and disease states. |
| 8. Inspect and analyze varied lifestyles and how they contribute to predisposing factors of pathological conditions. Propose alterations in lifestyle to decrease incidence of disease. |
| 9. Recognize the pathological effects of immobility and aging. |
| 10. Analyze and explain the transmission patterns and probabilities of genetic disorders. |