

1. **Upper division** courses  
 2. **Lower division** courses  
 3. **General education** courses  
 4. **Other** courses

5. **Other** courses  
 6. **Other** courses  
 7. **Other** courses  
 8. **Other** courses

9. **Other** courses  
 10. **Other** courses  
 11. **Other** courses  
 12. **Other** courses

4. To be **CROSS-REFERENCED**

13. **Other** courses  
 14. **Other** courses  
 15. **Other** courses  
 16. **Other** courses

17. **Other** courses  
 18. **Other** courses  
 19. **Other** courses  
 20. **Other** courses

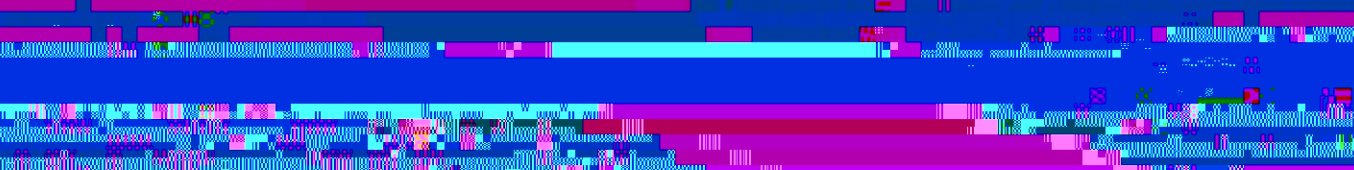
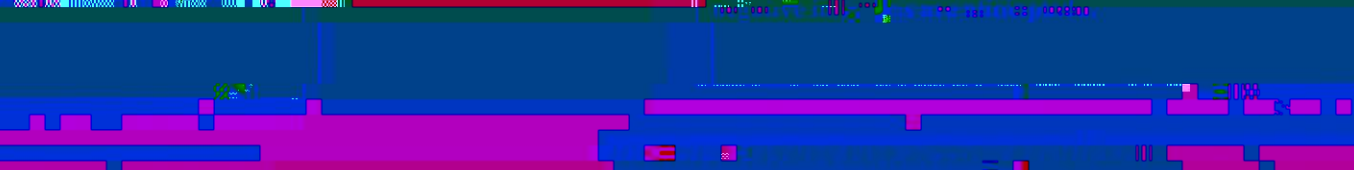
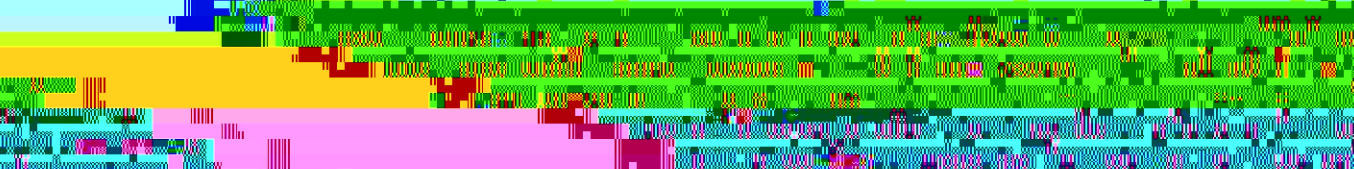
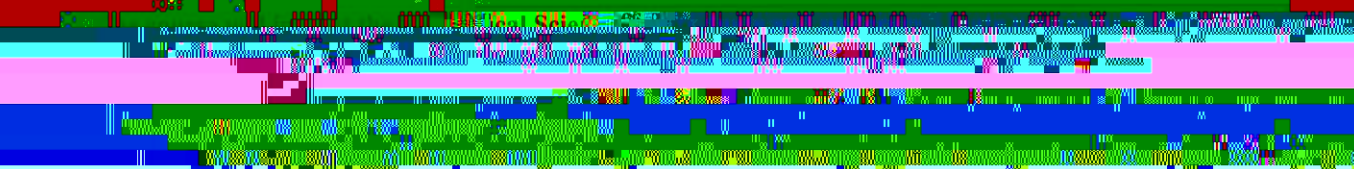
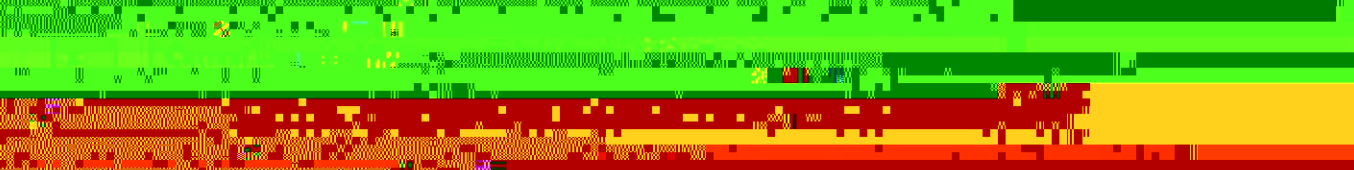
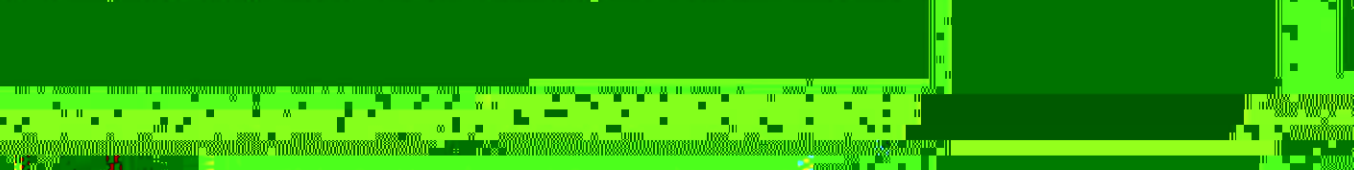
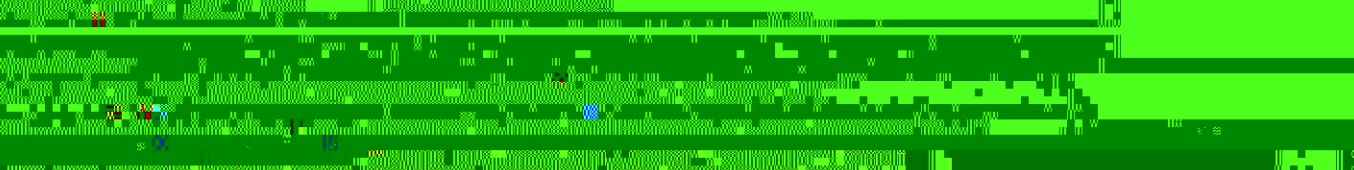
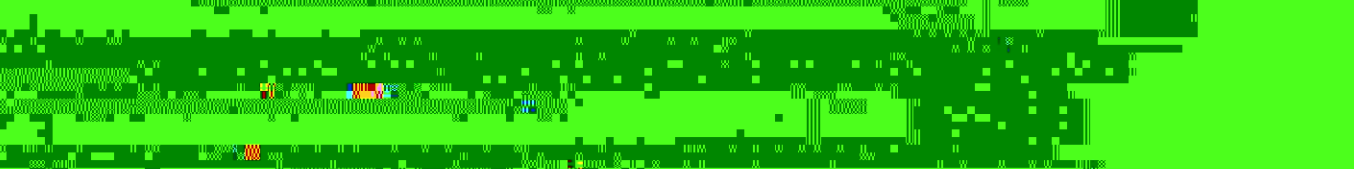
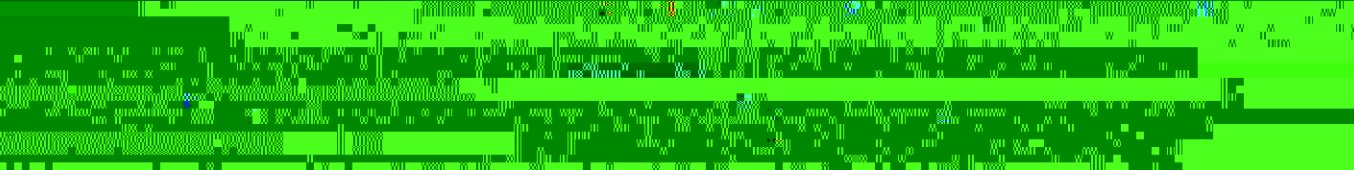
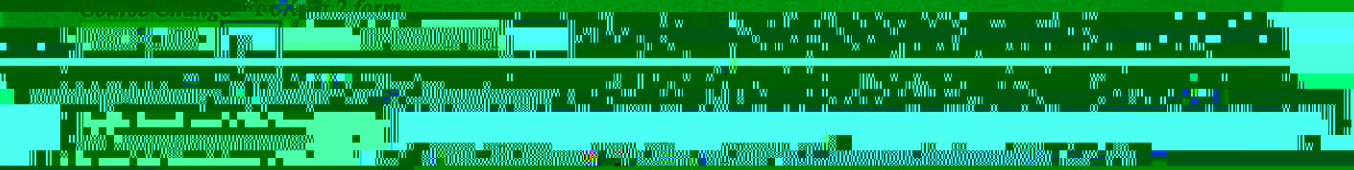
21. **Other** courses  
 22. **Other** courses  
 23. **Other** courses  
 24. **Other** courses

25. **Other** courses  
 26. **Other** courses  
 27. **Other** courses  
 28. **Other** courses

29. **Other** courses  
 30. **Other** courses  
 31. **Other** courses  
 32. **Other** courses

OTHER HOURS (specify type) \_\_\_\_\_







1. Course Information  
Exercise Physiology

3 Credit Hours

Prerequisites: Graduate standing or permission of instructor  
Fall 2014

2. Professor:

Robert H. Coker, PhD, FACSM

Office: 226 Arctic Health Research Building

Office Hours: ~~10:00 AM - 12:00 PM (MWF)~~ and by appointment

3. Course Readings: Powers S. and Houder E. Exercise Physiology: Theory and Application to

Fitness and Performance, Eighth Edition; Also supplementary readings as posted on Blackboard.

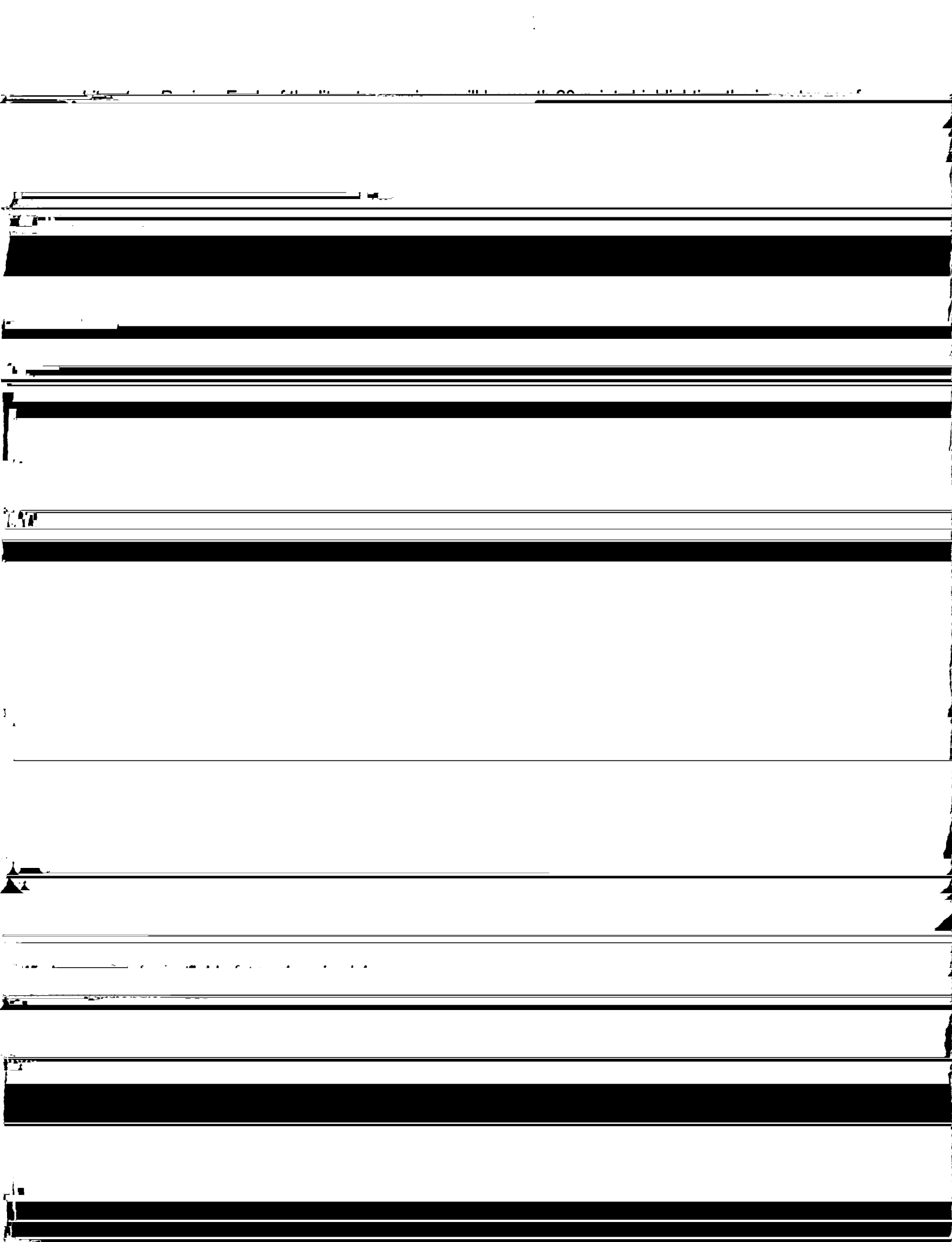
4. Course Description: Physiological responses and adaptation to exercise in humans, emphasizing

10/07/14 EXAM 2  
10/09/14 Chapter 9 Circulatory Adaptations to Exercise  
10/14/14 Chapter 10 Respiration during Exercise

10/14/14 Chapter 11 Acid Base Release during Exercise

10/21/14 Chapter 12 Temperature Regulation  
10/23/14 Chapter 13 The Physiology of Training: Effect on VO2 max,  
performance, homeostasis and strength  
10/28/14 EXAM 3  
10/30/14 Chapter 14 Patterns in Health and Disease: Epidemiology and  
Physiology  
11/03/14 Chapter 15 Work Tests to Evaluate Cardiopulmonary Fitness

11/06/14 Chapter 16 Exercise Prescriptions for Health and Fitness  
11/11/14 Chapter 17 Exercise for Special Populations  
11/13/14 Chapter 18 Body Composition and Nutrition for Health  
11/18/14 Chapter 19 Factors Affecting Performance  
11/20/14 Chapter 20 Work Tests to Evaluate Performance  
11/25/14 Chapter 21 Training for Performance  
12/02/14 Chapter 22 Training for Female Athlete, Children, and Special  
Populations  
12/02/14 Chapter 23 Nutrition, Body Composition, and Performance



1. Course Information

Exercise Physiology

Biology 4xx

3 Credit Hours

Fall 2014

Robert H. Collier, PhD, FACSM

Office: 226 Arctic Health Research Building

Office Hours: 10:00 AM-12:00 PM (MWF), and by appointment

? Course Readings: Powers S. and Howley E. Exercise Physiology: Theory and Application to



10/09/14	Chapter 9	Circulatory Adaptations to Exercise
10/14/14	Chapter 10	Respiration during Exercise
10/16/14	Chapter 11	Acid Base Balance during Exercise
10/21/14	Chapter 12	Temperature Regulation
10/23/14	Chapter 13	The Physiology of Training: Effect on VO <sub>2</sub> max, performance, homeostasis and strength
10/28/14	EXAM 3	
10/30/14	Chapter 14	Patterns in Health and Disease: Epidemiology and Physiology
11/04/14	Chapter 15	Work Tests to Evaluate Cardiorespiratory Fitness
11/06/14	Chapter 16	Exercise Prescriptions for Health and Fitness
11/11/14	Chapter 17	Exercise for Special Populations
11/13/14	Chapter 18	Body Composition and Nutrition for Health
11/18/14	Chapter 19	Factors Affecting Performance
11/20/14	Chapter 20	Work Tests to Evaluate Performance
	Chapter 21	Training for Performance

Chapter 22 Training for Female Athlete, Children, and Special

Chapter 23 Multiple-Choice Questions

Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide reasonable accommodation to students with disabilities. ***\*\* If students require any assistance due to documented disability, please make the Professor aware of this important need by the 2nd week of semester, and they will make the necessary accommodations.***