

Course Changes

Texas A&M University
Departmental Request for a Change in Course
Undergraduate ♦ Graduate ♦ Professional



• Submit original form and attachments •

1. Request submitted by (Department or Program Name): Department of Ecosystem Science and Management

2. Course prefix, number and complete title of course: ESSM651 Geographic Information Systems

3. Change requested Attach a brief supporting statement for changes made to items 3a thru 3d, and 6 below.

3. Change requested **GEOG 398 and RENR 444 or None**
 a. Prerequisite(s): From: approval of instructor To: _____

b. Withdrawal (reason): _____

c. Cross-list with: _____

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. **Attach a course syllabus.**

4. For informational purposes only, please indicate course number if this course will be stacked: _____

5. Complete current course title and current catalog course description: _____

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): _____

7. a. As currently in course inventory:

Prefix	Course #	Title (excluding punctuation)										
ESSM	651	GEOGRAPHIC INFO SYSTEMS										
Lect.	Lab	SCH	CIP and Fund Code				Admin. Unit	FICE Code			Level	
02	02	03	11	04	01	00	02	08	41	00	3632	26

b. Change to:

Prefix	Course #	Title (excluding punctuation)										
Lect.	Lab	SCH	CIP and Fund Code				Admin. Unit	Acad. Year	FICE Code			Level
									-		003632	

Approved recommended by:
Thomas W. Boutton 9/5/12
 Department Head or Program Chair (Type Name & Sign) Date

Department Head or Program Chair (Type Name & Sign) Date
 (if cross-listed course)

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Sandra Williams 9/24/12
 Chair, College Review Committee Date

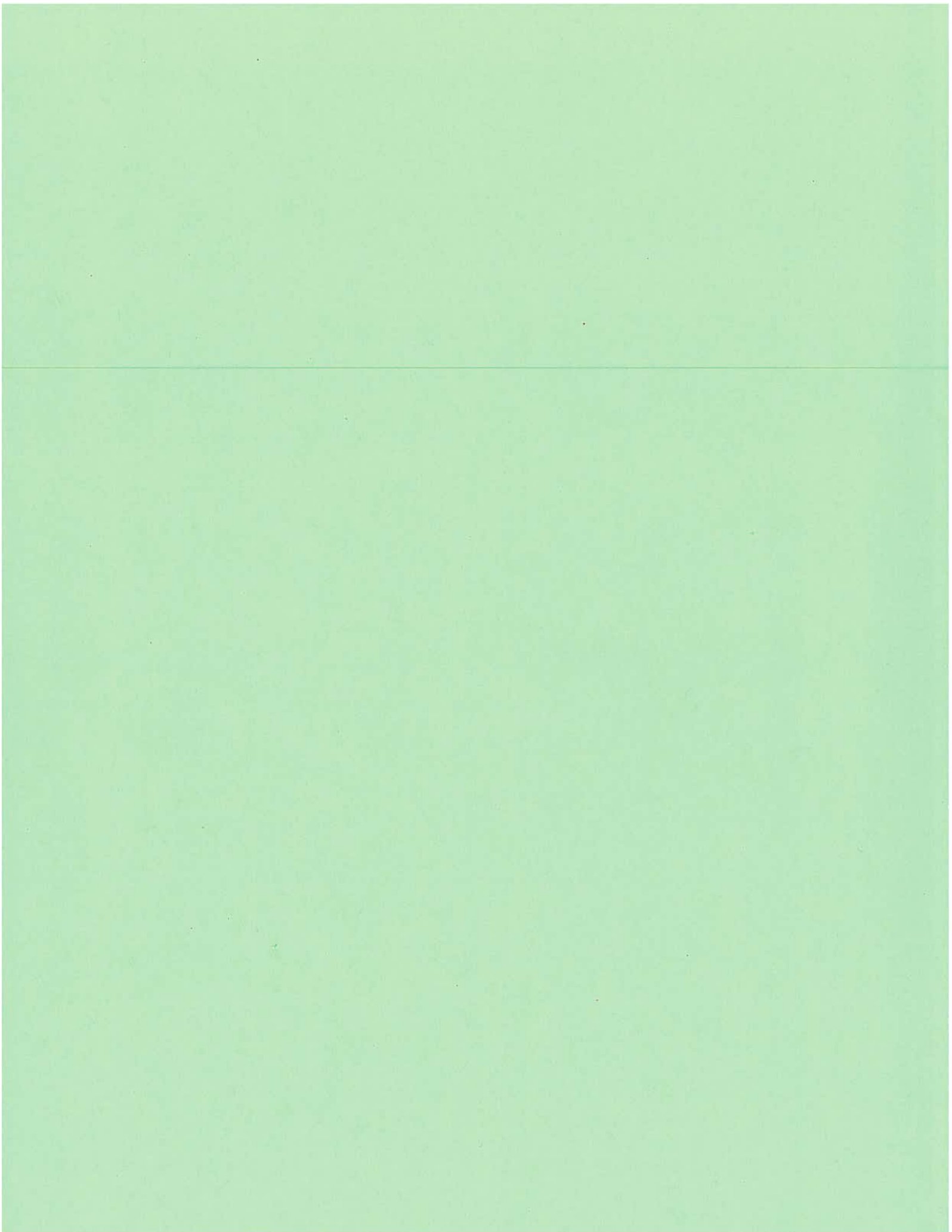
Sandra Williams 9/20/12
 Dean of College Date

[Signature] 10/26/12
 Chair, GC or UCC Date

Date Effective Date

ESSM 651

Current prerequisites are no longer needed to successfully complete this course.
Also courses are no longer taught.



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Departmental Request for a Change in Course
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• Submit original form and attachments •

1. Request submitted by (Department or Program Name): Department of Recreation, Park and Tourism Sciences

2. Course prefix, number and complete title of course: RPTS 666. Tourism and the Natural Environment

Attach a brief supporting statement for changes made to items 3a thru 3d, and 6 below.

3. Change requested RPTS 606 or approval of instructor RPTS 602 or approval of instructor

a. Prerequisite(s): From: _____ To: _____

b. Withdrawal (reason): _____

c. Cross-list with: _____

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked: _____

5. Complete current course title and current catalog course description:
Tourism and the Natural Environment.

Environmental and natural resource issues in tourism development and travel activity; philosophical issues in natural based-and eco-tourism; sustainable development and tourism; assessment of environmental impacts at macro and micro scales; integrating values into allocation, planning and management of tourism use of natural resources; the role of tourism in the stewardship of ecosystems. Prerequisite: RPTS 606 or approval of instructor.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Parks, Tourism and the Natural and Cultural Environment. RPTS 666 – proposed new course description

Analysis of natural and cultural resource management in the United States; emphasis on federal policy and the influence by political processes at the national, regional, and local levels; case studies to illustrate conceptual and legal frameworks in real world contexts, including the policy and politics of tourism and recreation, endangered species, contested history, and Native American traditions and sovereignty.

7. a. As currently in course inventory:

Prefix				Course #			Title (excluding punctuation)																				
R	P	T	S	6	6	6	T	O	U	R	I	S	M	&	N	A	T	E	N	V	R	O	N				
Lect.	Lab	SCH		CIP and Fund Code							Admin. Unit			FICE Code				Level									
0	3	0	0	0	3	3	1	0	1	0	1	0	0	0	1	2	5	0	2	0	0	3	6	3	2	6	

b. Change to:

Prefix				Course #			Title (excluding punctuation)																								
R	P	T	S	6	6	6	P	A	R	K	T	O	U	R	N	A	T	L	C	U	L	T	E	N	V						
Lect.	Lab	SCH		CIP and Fund Code							Admin. Unit			Acad. Year				FICE Code			Level										
0	3	0	0	0	3	3	1	0	1	0	1	0	0	0	1	2	5	0	2	1	3	-	1	4	0	0	3	6	3	2	6

Approval recommended by:

Dr. Gary Ellis 7/17/12
 Department Head or Program Chair (Type Name & Sign) Date

[Signature] 7/17/12
 Department Head or Program Chair (Type Name & Sign) Date
 (if cross-listed course)

Dr. David Reed 9/20/12
 Chair, College Review Committee Date

Dr. David Reed 9/20/12
 Dean of College Date

[Signature] 10/26/12
 Chair, GC on UCC Date

Submitted to Coordinating Board by: _____
 Associate Director, Curricular Services

_____ Date _____ Effective Date



Course title and number: RPTS 666: Parks, Tourism and the Natural and Cultural Environment
Term: Spring 2013
Meeting times/location: TBA

Course Description and Prerequisites:

Analysis of natural and cultural resource management on public lands in the United States; emphasis on federal policy and the influence by political processes at the national, regional, and local levels; case studies to illustrate conceptual and legal frameworks in real world contexts, including the policy and politics of tourism and recreation, endangered species, contested history, and Native American traditions and sovereignty. Prerequisite: RPTS 602 or approval of instructor.

Course Objectives: At the completion of this course, you will be able to:

1. List the political, social, legal, and economic influences on development and management of recreation and tourism in protected areas;
2. Describe actual cases illustrating conceptual issues related to current policy in concession management, cultural resources management, endangered species recovery, the interpretation of contested history, and other issues related to tourism and recreation in protected areas.
3. Drawing upon the conceptual and policy background provided by the case studies, logically state and defend arguments and potential solutions to complex real-world problems.
4. Prepare a nomination package for the designation of a national natural or historic landmark.

Instructor Information:

Name Jim Gramann
 Telephone number (979) 845-4920
 Email address jgramann@tamu.edu
 Office hours TBA
 Office location 409Q AGLS

Textbook and/or Resource Material:

1. Waters, Michael R. 2004. *Lone Star Stalag: German Prisoners of War at Camp Hearne*. College Station, TX: Texas A&M University Press.
2. Packet of readings available online.

Course Requirements and Grading Policies:

4 take-home case analyses (exams)	320 (80 pts. each)
7 individual quizzes over assigned readings	70 (10 pts. each)
7 team quizzes over assigned readings	70 (10 pts. each)
4 individual papers on case studies	60 (15 pts. each)
4 team "lessons learned" exercises	60 (15 pts. each)
Required field trip to Camp Hearne	20
Camp Hearne National Historic Landmark nomination (team assignment)	100
Peer helping grade for all team exercises	<u>50</u>
Total Points	750

The final letter grade is assigned as follows: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=below 60%.

Academic Dishonesty (including plagiarism): Penalties are as follows: zero for the work if it is a first offense, and an F for the course if files indicate that this is a repeat offense. Rules of the AGGIE HONOR CODE are strictly enforced. Please refer to <http://aggiehonor.tamu.edu/Students/Sanctions.aspx>.

Course Calendar and Major Assignment Dates:

- Week 1: Introduction to Course and Camp Hearne Project
Recreation, Tourism and Protected Areas: The Preservation-Use Dilemma
FIELD TRIP TO CAMP HEARNE
-
- Week 2: **CASE STUDY:** *Tourism and Protected Area Management at Carlsbad Caverns National Park*
- Readings: "The Tourism Wars," *National Geographic Traveler*, 17(7), 110-119 (October 2000).
"The National Environmental Policy Act," *Our Endangered Parks* (1994).
Decision to Remove Underground Concession Operation: Review Panel Report of Findings and Conclusions (1994).
"Executive Summary," *Visitor Response to Concession Management Alternatives at Carlsbad Caverns National Park* (1989)
- 1st individual and team quizzes on readings listed above.**
-
- Week 3: Class Discussion: Carlsbad Caverns National Park
- 1st paper due; 1st team lessons-learned exercise; 1st case analysis exam handed out (due beginning of next class)**
-
- Week 4: Legal and Ethical Issues in Endangered Species Recovery
- Readings: "On This Day: The Last Buffalo," New York Times website.
"Endangered Species, Endangered Act?" *Environment* (January/February 1999).
"The Endangered Species Listing Program," *Endangered Species Bulletin*, 24(6), 6-9 (1999).
- 2nd individual and team quizzes on readings listed above.**
-
- Week 5: **CASE STUDY:** *Endangered Species Recovery at Yellowstone National Park*
- Readings: "The 'Nonessential Experimental' Provision of the Endangered Species Act," National Wildlife Federation website.
The Return of the Wolf to Yellowstone (excerpts).
"Grizzly Bears and Wolves Are Fine When They're in Canada and Alaska," Editorial in *The Times-News* (Twin Falls, Idaho) (May 7, 1999).
Beyond Wolves: The Politics of Wolf Recovery and Management (excerpt).
"Victory for Wolves and Wildlife: Appeals Court Rules Yellowstone Wolves Can Stay in Park," Defenders of Wildlife news release, January 13, 2000.
- 3rd individual and team quizzes on readings listed above;**
- Videos: *The Wolf: A Howling in America's National Parks; The Wolf Returns to Yellowstone*
-
- Week 6: Class Discussion: Yellowstone National Park
- 2nd paper due; 2nd team lessons-learned exercise; 2nd case analysis exam handed out (due beginning of next class)**
-
- Week 7: Political Issues in Interpreting Contested History
- Readings: (I'm still reviewing possible readings for this topic)
- 4th individual and team quizzes on readings listed above.**
-
- Week 8: **CASE STUDY:** *Contested History at the Little Bighorn Battlefield*
- Readings: *Little Bighorn Battlefield* (excerpts)
Sacred Ground: Americans and Their Battlefields (excerpts)
- 5th individual and team quizzes on readings listed above.**
- Video: *Their Shots Quit Coming*

Week 9: **SPRING BREAK**

Week 10: Class Discussion: Little Bighorn Battlefield
 ✎ **3rd paper due; 3rd team lessons-learned exercise; 3rd case analysis exam handed out (due beginning of next class)**

Week 11: Recreation Management and Native American Sovereignty

Readings: *The Indian Policy of the U.S.* (excerpts)
 American Indians and National Parks (excerpts)
 Dispossessing the Wilderness: Indian Removal and the Making of the National Parks
 (excerpts)
 ✎ **6th individual and team quizzes on readings listed above.**

Week 12: **CASE STUDY:** *Recreation Management at Devils Tower*

Readings: American Indian Religious Freedom Act of 1978
 "Summary of the Conflict over the Site-Mato Tipi (Devils Tower)." Hamline University Law School website.
 "High Court Won't Interfere with Climbing Restrictions." *Boulder News*, March 28, 2000.
 ✎ **7th individual and team quizzes on readings listed above.**

Video: *In the Light of Reverence*

Week 13: Class Discussion: Devils Tower
 ✎ **4th paper due; 4th team lessons-learned exercise; 4th case analysis exam handed out (due beginning of next class)**

Week 15: Work on Camp Hearne nomination as National Historic Landmark

Week 16: Team presentations of Camp Hearne nomination

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>



August 9, 2012

MEMO


RE: Request for Course Title Change for SCSC 654

FROM: Wayne Smith, Associate Department Head SCSC
Hongbin Zhang, Professor of Plant Genomics and Systems Biology

SCSC 654 is currently titled "Genome Analysis". It is cross-listed with MEPS 654 and GENE 654, both of which are titled "Analysis of Complex Genomes." The cross-listed courses should have uniform course titles so we request that SCSC 654 be changed to "Analysis of Complex Genomes."



Wayne Smith
Associate Department Head SCSC



Date

SCSC, GENE and MEPS 654: Analysis of Complex Genomes (Lec)

Spring 2012

1. Instructor:

Name: Professor Dr. Hongbin Zhang E-mail: hbz7049@tamu.edu
Office: 427A Heep Center Office Phone: 862-2244
Office hours: 9:00 am – 11:00 am, Fridays, by appointment or at any time by e-mail.
Meeting times: TR 11:10 – 12:25 Heep 123X

2. Course Description:

“Changes that will have effects comparable to those of the Industrial Revolution and the Computer-based Revolution are now beginning. The next great era, a genomics revolution, is in an early phase” (*Science*, Vol. 279 p2019, 1998). This course is to teach students in technologies and methods in modern genomics and molecular research, from the basic to the state-of-the-art ones, and introduce their applications. Emphasis will be given to those widely used for DNA marker technology, genetic mapping, genome physical mapping, genome analysis, gene cloning, genome sequencing, gene expression analysis and molecular breeding.

At the end of the course, the following goals will be expected to reach:

- To understand the principles of major technologies and methods widely used in modern genomics research;
- To have knowledge and concepts in uses of the technologies and methods in modern genomics, molecular biology and plant/animal breeding; and
- To be able to design a research project in genomics, molecular biology and molecular breeding using the genome technologies and methods.

3. Course Prerequisite:

GENE 603 or GENE 431

4. Course Level:

Graduate students having majors in life sciences, including plants, animals, human, insects, and microbes.

5. Teaching Materials:

There is no textbook recommended for this course; however, relevant reading materials will be provided before each lecture.

6. Credits:

This is a 3-credit hour course, meeting on Tuesdays and Thursdays, from 11:10 – 12:25 PM.

7. Grading:	Midterm	40%
	Final	60%
		100%

Exams will be taken at home (1 week) or in class room (2 hours each exam).

Grading standard: A, $\geq 89.50\%$; B, 79.50 – 89.49%; C, 60.00 – 79.49%; failure, $<60\%$.

8. Americans with Disabilities Act (ADA) Policy Statement:

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provide for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities in Cain Hall, Rm. B118, or call 845-1637.

9. Academic Integrity Statement and Policy:

“An Aggie does not lie, cheat or steal, or tolerant those who do.”

<http://aggiehonor.tamu.edu>

10. Student Rule 7 Regarding Attendance and Late Work

<http://student-rules.tamu.edu/rule07>

10. Course Schedule:

Lecture	Date	Time	Class Room
1.1 Course introduction	01/20 (F)	1:00 – 4:00 PM	HPCT 123X
2.1 DNA marker technology: RFLP, STS, RAPD, AFLP, SSR, and SNP (digital genotyping)	01/24 (T)	11:10 – 12:25 PM	HPCT 123X
2.2 DNA marker technology: RFLP, STS, RAPD, AFLP, SSR, and SNP (digital genotyping)	01/26 (R)	11:10 – 12:25 PM	HPCT 123X
2.3 DNA marker technology: RFLP, STS, RAPD, AFLP, SSR, and SNP (digital genotyping)	01/31 (T)	11:10 – 12:25 PM	HPCT 123X
3.1 Genetic mapping I: Map development	02/02 (R)	11:10 – 12:25 PM	HPCT 123X
3.2 Genetic mapping I: Map development	02/07 (T)	11:10 – 12:25 PM	HPCT 123X
4.1 Genetic mapping II: Trait, QTL, and gene expression QTL (eQTL) mapping	02/09 (R)	11:10 – 12:25 PM	HPCT 123X
4.2 Genetic mapping II: Trait, QTL, and gene expression QTL (eQTL) mapping	02/14 (T)	11:10 – 12:25 PM	HPCT 123X
4.3 Genetic mapping II: Trait, QTL, and gene expression QTL (eQTL) mapping	02/16 (R)	11:10 – 12:25 PM	HPCT 123X
5.1 Gene tagging: Bulk Segregant Analysis (BSA)	02/21 (T)	11:10 – 12:25 PM	HPCT 123X
6.1 DNA Cloning - Recombinant DNA I: Megabase-sized DNA Analysis	02/23 (R)	11:10 – 12:25 PM	HPCT 123X
7.1 DNA cloning - Recombinant DNA II: Plasmid, Cosmid, Phage, Fosmid, BAC, TAC, BIBAC, PAC, YAC, and PBC	02/28 (T)	11:10 – 12:25 PM	HPCT 123X
7.2 DNA cloning - Recombinant DNA II: Plasmid, Cosmid, Phage, Fosmid, BAC, TAC, BIBAC, PAC, YAC, and PBC	03/01 (R)	11:10 – 12:25 PM	HPCT 123X
7.3 DNA cloning - Recombinant DNA II: Plasmid, Cosmid, Phage, Fosmid, BAC, TAC, BIBAC, PAC, YAC, and PBC	03/06 (T)	11:10 – 12:25 PM	HPCT 123X

Schedule (continued)

Lecture	Date	Hours	Class Room
8.1 BAC applications I: Plant BIBAC and TAC transformation, targeted marker development, and genome analysis	03/08 (R)	11:10 – 12:25 PM	HPCT 123X
Spring Break, 03/12 – 03/16			
MIDTERM EXAM	03/20 (T)		
9.1 BAC applications II: Map-based cloning, chromosome walking, gene fishing, and gene golfing	03/20 (T)	11:10 – 12:25 PM	HPCT 123X
9.2 BAC applications II: Map-based cloning, chromosome walking, gene fishing, and gene golfing	03/22 (R)	11:10 – 12:25 PM	HPCT 123X
MIDTERM EXAM DUE	03/27 (T)		
10.1 Physical mapping: PFGE, FISH, RH, and clone-based	03/27 (T)	11:10 – 12:25 PM	HPCT 123X
10.2 Physical mapping: PFGE, FISH, RH, and clone-based	03/29 (R)	11:10 – 12:25 PM	HPCT 123X
11.1 Genome sequencing: Sanger and High-throughput next-generation sequencing	04/03 (T)	11:10 – 12:25 PM	HPCT 123X
11.2 Genome sequencing: Sanger and High-throughput next-generation sequencing	04/05 (R)	11:10 – 12:25 PM	HPCT 123X
11.3 Genome sequencing: Sanger and High-throughput next-generation sequencing	04/10 (T)	11:10 – 12:25 PM	HPCT 123X
11.4 Genome sequencing: Sanger and High-throughput next-generation sequencing	04/12 (R)	11:10 – 12:25 PM	HPCT 123X
12.1 Gene expression Profiling: Microarray, SAGE, digital gene expression profiling and real-time quantitative PCR	04/17 (T)	11:10 – 12:25 PM	HPCT 123X
12.2 Gene expression Profiling: Microarray, SAGE, digital gene expression profiling and real-time quantitative PCR	04/19 (R)	11:10 – 12:25 PM	HPCT 123X

Schedule (continued)

Lecture	Date	Hours	Class Room
FINAL EXAM	04/24 (T)		
13.1 Others tools for functional genomics: RNAi, TILLING and mutagenesis	04/24 (T)	11:10 – 12:25 PM	HPCT 123X
13.2 Others tools for functional genomics: RNAi, TILLING and mutagenesis	04/26 (R)	11:10 – 12:25 PM	HPCT 123X
13.3 Others tools for functional genomics: RNAi, TILLING and mutagenesis	05/01 (T)	11:10 – 12:25 PM	HPCT 123X
FINAL EXAM DUE	05/05 (F)	5:00 PM	
