I. Locator Information:
Instructor: Mr. Kelvin Raiford, MS
Course # and Name: Geo 314 Remote Sensing
Office Location: 327 Lyons Science Building
Semester Credit Hours: 3
Office hours: 10am-11am/2pm-3pm MWF or 4pm
Day and Time Class Meets: 3:00pm – 3:50pm MWF
Office Phone: 910-672-2131
Email address: kraiford@uncfsu.edu

The following statement should appear on the first page of each course syllabus:

FSU Policy on Electronic Mail: Fayetteville State University provides to each student, free of charge, an electronic mail account (username@uncfsu.edu) that is easily accessible via the Internet. The university has established FSU email as the primary mode of correspondence between university officials and enrolled students. Inquiries and requests from students pertaining to academic records, grades, bills, financial aid, and other matters of a confidential nature must be submitted via FSU email. Inquiries or requests from personal email accounts are not assured a response. The university maintains open-use computer laboratories throughout the campus that can be used to access electronic mail. Rules and regulations governing the use of FSU email may be found at http://www.uncfsu.edu/PDFs/EmailPolicyFinal.pdf

II. Course Description: GEOG 314 (3-3-0) Introduction to Remote Sensing: An introductory study of remote sensing, emphasizing its application to environmental and land use analyses of the earth.

III. Disabled Student Services: In accordance with Section 504 of the 1973 Rehabilitation Act and the Americans with Disabilities Act (ACA) of 1990, if you have a disability or think you have a disability to please contact the Center for Personal Development in the Spaulding Building, Room 155 (1st Floor); 910-672-1203.


V. Student Learning Outcomes –

Upon completion of this course, students will be able to:
1. Understanding of spectral signatures to be demonstrated with samples throughout the electromagnetic spectrum.

2. Interpretation of unknown reflectance spectra in relation to features in spectra of minerals, water, vegetation and atmospheric targets.

3. Understanding of principles of remote sensing techniques by outlining a sensor design according to spectral responses of Earth’s surfaces and the atmosphere.

4. Defining the advantages and needs for orbit selection according to acquired ground resolution, spectral characteristics and temporal changes.

5. Demonstration of capability to interpret remote sensing data in order to:
   a. Understand the processing and enhancement of satellite images for identifying geological structures and vegetation coverage,
   b. Recognize coastal morphology from space,
   c. Recognize global changes and environmental monitoring with data from special sensors.
VI. **Course Requirements and Evaluation Criteria** - This section should indicate how the student’s final grade for the course will be calculated. It must include each of the following:

a. **Grading Scale** – The class grading scale must be consistent with the university catalog.

   **Grading Scale**
   The university grading scale applies:
   - A = 92% - 100% - Exceptionally High
   - B = 83% - 92% - Good
   - C = 73% - 82% - Satisfactory
   - D = 64% - 72% - Marginally Passing
   - F = 63% or less - Failing

b. **Attendance Requirements** – Specify requirements for attendance; for 100- and 200-level classes, specify the number of classes that a student is permitted by the attendance policy.

   Students are expected to attend the classes punctually. **In Case You (students) Are Late or Absent:**
   i. Official document is required for your absence excuse.
   ii. 15 minutes late to class and leaving class 15 minutes earlier will be considered to be absent unless you get prior approval by the instructor.
   iii. It is your responsibility to withdraw the class according to the deadline published in the catalog. You may get “FN” grade (FN = FAILURE DUE TO NON-ATTENDANCE) without “WN” submission;
   v. **NEW TYPE OF GRADE: INTERIM GRADES** – (New name for “midterm grade,” with additional purposes). Interim grades will be assigned from the first week of the semester until the deadline for class withdrawals. Interim grades are used for informational and warning purposes only; they are not part of your permanent transcript and have no effect on your GPA. Instructors may assign interim grade of F to warn students of poor academic performance or they may assign “X” (NO SHOW) or “EA” (EXCESSIVE ABSENCES) grades. After midterm, faculty will assign all students an interim grade of A – F to inform students of their academic status as of midterm.
   vi. Children are not permitted in the classroom. Guests must have prior approval by the instructor.
   vii. It is your responsibility to get the course notes, handouts, and assignments should you miss class or be late;

c. **Graded Assignments and Value of Each Assignment.** Students will be evaluated (graded) as indicated below:

   - Attendance/Participation/Quizzes: 10%
   - Assignments / Study Notes: 25% (Study Notes: Textbook Readings)
   - Midterm Examination (2): 40%
   - Final Examination: 25%
   
   The grade assignments are subject to change.

   There is no “I” (incomplete) grade for this course.

   **GRADING ASSIGNMENTS ARE SUBJECT TO CHANGE**

d. **Policy on Missed or Late Assignments**

   Students are expected to take or submit assignments/tests on the date specified on the instructor’s request. The instructor reserves the right to deduct points for late assignment or not to accept late work. **There is NO MAKEUP for midterm and final exam.**

e. **Other**

   **Cell Phone and Electronic Entertainment Devices (Read carefully):** NO LIVE CELL PHONES are permitted in the classroom (except with prior permission of the instructor). Likewise, no electronic game, CD player or other amusement or entertainment devices are permitted in the classroom. Any student coming to class with a live phone or entertainment devices WILL BE asked to leave the class promptly. We want the learning process to be carried out with as little interruptions and distractions as possible.

   No Grade Change for the Class: unless the grade was submitted to university in error from the instructor. However, you have the right to appeal your grade to university:

   - http://www.uncfsu.edu/plret/FINALfinalpartI1104.pdf (Page 53: Grade Appeal)
   - Grade Change and Appeal: (Read carefully): Please read the grade change policy from FSU: http://www.uncfsu.edu/plret/FINALfinalpartI1104.pdf (Page 53: Changing a Grade)

   **Plagiarism/Cheating:** Students are expected to uphold the school’s standard of conduct relating to academic honesty. Students assume full responsibility for the content and integrity shall be that a student’s submitted work, examinations, reports, and projects must be that of the student’s own work. Students shall be guilty of violating the honor code if they: (1) Represent the work of others as their own; (2) Use or obtain unauthorized assistance in any academic work; (3). Modify, without instructor approval, an examination, paper, record, or report for the purpose of obtaining additional credit; (4). Give unauthorized assistance to other students; (5).
Misrepresent the content of submitted work. The penalty for violating the honor code is severe. Any student violating the honor code is subject to receive a failing grade for the course and will be reported to the Office of Student Affairs. If a student is unclear about whether a particular situation may constitute an honor code violation, the student should meet with the instructor to discuss the situation.

c. Graded Assignments -- tests, papers, quizzes, reports, group or individual projects, experiments, etc, that will be used to determine student’s final grade.

d. Value of Each Assignment - Specify the percentage of the final grade represented by each individual assignment. (Sections c and d may be combined.)

e. Policy on Missed or Late Assignments - State policy on missed tests or late submissions of assignments.

**Please note:** If these evaluation criteria must be revised because of extraordinary circumstances, the instructor will distribute a written amendment to the syllabus.
Academic Support Resources – Site any academic support resources available in this class. Use of SI, Smarthinking, Criterion, University College Learning Center

VII. Course Outline and Assignment Schedule (The assignment schedule may be on a daily or weekly basis.) The list of assignments in this section should be consistent with the assignments listed above under “Evaluation Criteria.”

VIII. Teaching Strategies: Lecture-based course with student participation.

IX. Bibliography The instructor may assign additional readings beyond the textbook during the semester. These items may be on reserve in the library and/or the appropriate citation to obtain the readings will be given to students.