AGSM 335
Soil and Water Management
Course Description and Policies
Fall 2014

**Professor:** Dr. Clyde Munster
**Teaching Assistant:** Rachel McDaniel

**Office:** 127 Hobgood Building
**Office:** 107 Hobgood Building

**Phone:** 847-8793
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**Office Hours:** MWF 4-5 pm (or by appointment)
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**Email:** c-munster@tamu.edu
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**Class webpage:** [http://munster.tamu.edu](http://munster.tamu.edu)

**Note:** MS Internet Explorer in compatibility mode is required to access the class webpage

**Class Hours**

- **Lecture:**
  - Monday / Wednesday 11:30 – 12:20 pm, Room 203 AEPM
- **Laboratory:**
  - Thursday 2:20 – 4:50 pm, Room 203 AEPM

**Catalog Description**

Elementary principles of surface and groundwater supply, flood control, water distribution systems and irrigation systems; principles of drainage, soil conservation and erosion control; elementary surveying, chaining, leveling and mapping applied to agricultural and natural resource needs.

**Learning Outcomes**

The overall objective of this course is to understand the fundamental scientific principles associated with the hydrologic cycle. Analytical techniques will be used to quantify and analyze the components of the hydrologic cycle, such as, rainfall, runoff, infiltration, evapotranspiration, ground water flow, stream flow and erosion. Often, the first step in the design of a hydrologic study or an environmental investigation is the quantification of one or more of the hydrologic cycle components. Therefore a basic understanding of the hydrologic processes is extremely important.

**Prerequisite**

AGSM 301

**Textbook**

Grades

Questions on the tests, final exam and in-class quizzes will be on lecture material, reading assignments, laboratory assignments and homework problems. Letter grades will be based on the weighted average specified below and assigned as follows:

<table>
<thead>
<tr>
<th>Grading</th>
<th>Grading Scale</th>
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<tbody>
<tr>
<td>2 tests 30%</td>
<td>90 - 100</td>
</tr>
<tr>
<td>Final exam 15%</td>
<td>80 - 89</td>
</tr>
<tr>
<td>Homework 15%</td>
<td>70 - 79</td>
</tr>
<tr>
<td>In-class quizzes 15%</td>
<td>60 - 69</td>
</tr>
<tr>
<td>Laboratory Assignments 25%</td>
<td>Below 60</td>
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</tbody>
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Homework

All assignments must be presented in a neat, professional manner. A word processor will be required for all written assignments. Some assignments will require the use of computer spreadsheets and computer graphics. Sample calculations will be required for all computer solutions. All homework assignments are due at the end of the class period on the due date. *A maximum of half credit will be given for late homework. Homework not turned in two weeks after the due date will receive a grade of zero.*

Homework assignments will be graded as follows:

- full credit for neat solutions with a “good-faith” effort to get the correct answer
- half credit for sloppy solutions with little effort to get the correct solution
- no credit for no submission or minimal effort

Solutions will be provided for all homework problems. It is up to the student to check the homework solutions for a clear understanding of how to work the problem.

In-class Quizzes

There will be from 8 to 10 in-class quizzes throughout the semester. These 10-minute quizzes will generally be closed book and will cover recently completed homework, reading assignments and lecture material.

Americans with Disabilities Act (ADA) Policy Statement

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](http://disability.tamu.edu).
Additional Accommodations

If any student in this class requires accommodation related to a unique circumstance, please make an appointment to see the course instructors as soon as possible. Appropriate arrangements will be made.

Academic Integrity

*Aggies do not lie, cheat or steal; nor do they tolerate those who do.*

For many years, Aggies have followed a Code of Honor in an effort to unify the aims of all Aggies toward a high code of ethics and dignity. It functions as a symbol to all Aggies, promoting understanding and loyalty to truth and confidence in each other. Students should refer to the University policy on academic integrity found in the **Honor Council website**: [http://aggiehonor.tamu.edu/](http://aggiehonor.tamu.edu/). All violations will be handled as specified by University Guidelines.