ME3620 Theory of Engineering Experimentation

Course outline and grading policy

Semester: Spring 2020
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TEST AND GRADING POLICIES

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th>Test, Homework</th>
<th>Tentative Test Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: above 90%</td>
<td>1st midterm test: 20%</td>
<td>Test 1: 2 – 19</td>
</tr>
<tr>
<td>BA: 85% - 89.9%</td>
<td>2nd midterm test: 20%</td>
<td>Test 2: 4 – 1</td>
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<tr>
<td>B: 80% - 84.9%</td>
<td>3rd midterm test: 20%</td>
<td>Test 3: 4 – 15</td>
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<tr>
<td>CB: 75% - 79.9%</td>
<td>Final Exam: 30%</td>
<td>Test 1: I, II</td>
</tr>
<tr>
<td>C: 70% - 74.9%</td>
<td>HW: 10%</td>
<td>Test 2: III, IV</td>
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<tr>
<td>DC: 65% - 69.9%</td>
<td></td>
<td>Test 3: V, VI</td>
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<tr>
<td>D: 50% - 64.9%</td>
<td></td>
<td>Final Exam: Monday 4–20 @ 17:00</td>
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<tr>
<td>E: below 50%</td>
<td></td>
<td>Comprehensive, including topic VII</td>
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Tentative List of Topics
I. Ch. 2. Data Summary and Presentation
II. Ch. 3: Random Variables and Probability Distributions (Selected Topics)
III. Ch. 4: Decision Making for a Single Sample
IV. Ch. 5: Decision Making for Two Samples
V. Ch. 6: Building of Empirical Models
VI. Ch. 7: Design of Engineering Experiments
VII. Error Analysis

GENERAL CLASS POLICY

1. Make-up tests will not be provided, and the missed test will be graded as “ZERO”. If a student misses a midterm test for a medical reason, the student must provide a doctor’s statement. In that case the weight of the missed test will be transferred and credited toward the Final Examination. (For example, if you missed the second test for a medical reason, the final examination will be counted as 30% + 30% = 60% of the overall score). Every student must take the final examination and no make–up final exam will be offered.
2. There will be NO curving of the grades.
3. Students are responsible for making themselves aware of and understanding the University policies and procedures that pertain to Academic Honesty. These policies include cheating, fabrication, falsification and forgery, multiple submission, plagiarism, complicity and computer misuse. The academic policies addressing Student Rights and Responsibilities can be found in the Undergraduate Catalog at http://catalog.wmich.edu/index.php?catid=32 and the Graduate Catalog at http://catalog.wmich.edu/index.php?catid=33.
If there is reason to believe you have been involved in academic dishonesty, you will be referred to the Office of Student Conduct. You will be given the opportunity to review the charge(s) and if you believe you are not responsible, you will have the opportunity for a hearing. You should consult with your instructor if you are uncertain about an issue of academic honesty prior to the submission of an assignment or test.

Students and instructors are responsible for making themselves aware of and abiding by the “Western Michigan University Sexual and Gender-Based Harassment and Violence, Intimate Partner Violence, and Stalking Policy and Procedures” related to prohibited sexual misconduct under Title IX, the Clery Act and the Violence Against Women Act (VAWA) and Campus Safe. Under this policy, responsible employees (including instructors) are required to report claims of sexual misconduct to the Title IX Coordinator or designee (located in the Office of Institutional Equity). Responsible employees are not confidential resources. For a complete list of resources and more information about the policy see www.wmich.edu/sexualmisconduct.

In addition, students are encouraged to access the Code of Conduct, as well as resources and general academic policies on such issues as diversity, religious observance, and student disabilities:
- Office of Student Conduct www.wmich.edu/conduct
- Division of Student Affairs www.wmich.edu/students/diversity
- Registrar’s Office http://www.wmich.edu/registrar/calendars/interfaith
- Disability Services for Students www.wmich.edu/disabilityservices

4. The use of the solutions manual for solving homework is forbidden.
5. The use of devices capable of storing electronic files or accessing the internet during tests and lecture is forbidden. Using any electronic device different to a calculator during a test will result in a score of zero in that test/exam. The use of mobile telephones and laptops during tests and lecture is forbidden.

6. “TI-Nspire” calculators are not allowed in this class.

7. Once a homework has been assigned, its due date will not be extended under any circumstances.

8. Final grades are made available to the student through http://gowmu.wmich.edu according to the calendar established by Western Michigan University.

9. Succeeding in this course requires a minimum of at least 6 hrs. of effective study per week in addition to lecture/recitation time.

10. In case you consider the grading of a test or quiz was unfair or incorrect, you have a maximum of 144 hrs. (6 days) after the graded paper was returned to you by the instructor to ask for a revision of the assignment, after this period there will be no review of the grading under any circumstance.

11. Attendance to each lecture is mandatory. Due to the nature of the course new material is introduced during each lecture, therefore it is extremely important not to miss any lecture during the semester.

12. All homework assignments must be submitted in letter size paper in any of the following formats: white, lined, graph, or engineering paper. Assignments submitted in a different size than letter size paper will not be accepted. Work must be submitted in a neat, legible, and ordered manner.