ME 3600  Control Systems (CRN #41068)  Fall 2014

Time/Place:  MWF 12:30 – 1:20 pm  C-123 CEAS

Instructor:  Dr. James W. Kamman, G-222 CEAS
Tel./Voice Mail:  276-3427; FAX:  276-3421; Email: james.kamman@wmich.edu
Home Page:  http://homepages.wmich.edu/~kamman

Office Hours:  Monday, Wednesday, Friday: 11:30 am – 12:20 pm
Monday, Tuesday, Thursday: 3:00 – 3:50 pm
... or call ahead for an appointment.


Course Homepage:  http://homepages.wmich.edu/~kamman/me_360.htm

Software:  MATLAB/Simulink software (available in the CAE Center).

Grading:  Exams (3 @ 20%)  60 % (50 minutes each)
Homework  20 %
Comprehensive Final Exam  20 % (120 minutes)
Total  100 %

Grading Scale:
100% - 90%  A
89% - 85%  BA
79% - 75%  CB
69% - 65%  DC
Below 60%  E

Attendance:  Regular attendance is expected. If you are not able to attend class on a particular day, it is your responsibility to find out what material was covered and what homework was assigned.

Exams:  Tentative dates for the three 50-minute exams are: Wednesday, Oct 1, Friday, Oct 31, and Wednesday, Dec 3. The topics covered on these exams will be discussed prior to the exam. They will reflect material covered in the lectures, text, and homework.

Final Exam:  The final exam is comprehensive. It is a two-hour exam and is scheduled for Wednesday, Dec 10 from 12:30 – 2:30 pm. As with the other exams, the final exam will reflect material covered in the lectures, text, and homework.

Make-up Exams:  Make-up exams will be given only under extreme circumstances! If you cannot make it to an exam for reasons beyond your control, you must contact me as soon as possible to discuss your situation. Do not assume you will be given a make-up exam, until you have discussed your situation with me!
Homework: Homework will be assigned on a regular basis throughout the course. One randomly chosen problem will be graded from each assignment. Your solutions must be clear and easy to follow. All problems with numerical answers should be solved to three significant figures. All necessary diagrams and calculations must be clearly shown.

Collaboration is encouraged among students and between students and the instructor; however, the final product must be your own work! Copying may result in a zero for that assignment. All homework must be handed in on the proper due date for grading.

I encourage you to do your homework in a timely manner and to use office hours and e-mail to get the help you need.

Assessment: This course is used to assess student performance relative to Outcome #1 for both the Mechanical and Aeronautical Engineering programs.

<table>
<thead>
<tr>
<th>Group</th>
<th>Outcome #1</th>
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<tr>
<td>Mechanical Engineers</td>
<td>An ability to apply knowledge of advanced mathematics through multivariate calculus and differential equations.</td>
</tr>
<tr>
<td>Aeronautical Engineers</td>
<td>An ability to apply knowledge of mathematics</td>
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</tbody>
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Honesty:

You are responsible for making yourself 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/content.php?catoid=22&navoid=882 and the Graduate Catalog at http://catalog.wmich.edu/content.php?catoid=23&navoid=938.) 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.

To access the Code of Honor and general academic policies on such issues as diversity, religious observance, student disabilities, etc., please consult the WMU web resources at the Office of Student Conduct www.wmich.edu/conduct, the Registrar’s Office www.wmich.edu/registrar or Disability Services for Students www.wmich.edu/disabilityservices.

Remember!

The benefits you derive from this course are determined (in part) by how much effort you put into it!

Don’t confuse information (or knowledge) with understanding.