Course Description:
Fr., MATH 1620 or MATH 1627 or MATH 1720. Vector spaces, linear transformations, matrices, determinants, linear equations, bases and dimension, eigenvalues, inner product spaces, diagonalization of symmetric matrices.

The course will cover Chapters 1-5 and 6.1-6.3 of Leon’s book.
(Per http://bulletin.auburn.edu/coursesofinstruction/math/)

Grading:
There will be six chapter tests with different lengths and points. The lowest chapter test grade will be replaced by the final with proportional scale. Self-checked homework will be assigned. Class attendance will be checked from time to time. There will be a cumulative final exam. The overall score will be calculated by Attendance (10%) + Chapter Test (60%) + Final (30%).

<table>
<thead>
<tr>
<th>Grade</th>
<th>Overall Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 100</td>
</tr>
<tr>
<td>B</td>
<td>80 - 89.9</td>
</tr>
<tr>
<td>C</td>
<td>70 - 79.9</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69.9</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59.9</td>
</tr>
</tbody>
</table>

Makeup Policy:
A test can only be made-up if there is a university excuse presented within one week of the regularly scheduled exam. Refer to https://sites.auburn.edu/admin/universitypolicies/Policies/PolicyonClassAttendance.pdf for the list of acceptable excuses. It is the student’s responsibility to make arrangements for any work and/or notes missed due to an absence.

Americans with Disabilities Act (ADA):
Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have a conflict with my office hours, an alternate time can be arranged. To set up this meeting, please contact me by e-mail. If you have not established accommodations through the Office of Accessibility, but need accommodations, make an appointment with the Office of Accessibility, 1228 Haley Center, 844-2096 (V/TT).
Academic Honesty:
All portions of the Auburn University student academic honesty code (Title XII)
https://sites.auburn.edu/admin/universitypolicies/Policies/AcademicHonestyCode.pdf
will apply to this class. All academic honesty violations or alleged violations of the SGA Code of Laws will
be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.
Tiger Cards may be checked before any assignment is accepted.

Contingency Plan:
If normal class and/or lab activities are disrupted due to illness, emergency, or crisis situation, the syllabus
and other course plans and assignments may be modified to allow completion of the course. If this occurs,
an addendum to your syllabus and/or course assignments will replace the original materials.

Calculators:
A basic scientific calculator will be allowed on all tests and homework. A cell phone app cannot be used as
a calculator. Graphing calculators are not permitted.

Please refer to the Student Policy eHandbook
http://www.auburn.edu/student_info/student_policies/
for more information - for example, what to do if you have three or more finals scheduled on one day.

ELECTRONIC DEVICES ARE NOT ALLOWED IN CLASS UNLESS GIVEN EXPLICIT
PERMISSION BY THE INSTRUCTOR.

Last updated on August 20, 2013