MATH 6003: Dynamical Systems & Applications   Spring 2018

Instructor: Dr. Amin Boumenir
Office: Boyd 321
Office hours: MW: 1:00PM-2:00PM and 4:45pm-6:00pm
Class meeting time: MW: 2:00PM-3:15 PM Boyd 304
Prerequisites: MATH 2654 and MATH 3303
Email: boumenir@westga.edu


Topics: Existence and uniqueness, Gronwall’s inequality, Autonomous equations, Critical points and linearisation

Grading: Grades are based on a total of 700 pts given as follows

<table>
<thead>
<tr>
<th>HW</th>
<th>Exam 1</th>
<th>Exam 2</th>
<th>Exam 3</th>
<th>Final</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>200</td>
<td>700</td>
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Grading scale: A: 90-100%; B: 80-89%; C: 70-79%; D:60-69%; F:0-59%.

Exams: There are three one hour exams given on: February 14th, March 14th, and April 18th.
Final exam is scheduled on Wednesday, May 2, 2:00-4:00 PM and is a comprehensive exam.

Attendance: Attendance is expected and required. You are responsible for all material covered in class and all announcements made.

Common Language for Course Syllabi: Students, please carefully review the following information at the link http://tinyurl.com/UWGSyllabusPolicies. It contains important material pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Withdrawal Policy: The deadline for an automatic W withdrawal is: February 28th. For more information about withdrawal policy, please read the information at the link http://www.westga.edu/registrar/