**Prerequisite:** MATH 2564 (Calculus II) or equivalent

**Instructor:** Mark Arnold  
**Office:** SCEN 418  
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**Office Hours:** MWF 9:30-10:20am and by appointment

**Drill Instructor:** Chao Ding  
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**Office Hours:** TBA

**Text:** Zill & Wright, *Differential Equations w Boundary-Value Problems*, 8th Ed.  
**Material covered:** Chapters 1–4 & 7–8 of the text (details attached)

**Grading** on a 90/80/70/60 scale based on the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Three 50-minute exams</td>
<td>300</td>
</tr>
<tr>
<td>Drill (Homework/Quiz/Attendance)</td>
<td>100</td>
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<tr>
<td>Final exam</td>
<td>100</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>500</strong></td>
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**Notes**

→ The final exam is 8-10am, Monday, December 14, in our lecture room. It is comprehensive.

→ Exams can only be made up under University approved or extraordinary circumstances (we will use my definition of extraordinary, so make arrangements ahead of time when possible). No electronic devices are allowed in any exams.

→ Quizzes will typically be verbatim from assigned homework. Quizzes cannot be made up; we will drop 2 lowest quiz scores before assigning the Drill grade as a percentage score.

→ Attendance will be taken and homework may be collected at drill sessions; you are expected to attend the drill section for which you are registered.

→ The 7th edition of our text (Zill & Cullen) is acceptable.

→ **Inclement weather:** We will have class if the University is open, but a test will automatically be rescheduled to the next class meeting if on that day the Fayetteville public schools are closed due to weather.

→ **Academic Integrity:** As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail. Each University of Arkansas student is required to be familiar with and abide by the University’s ‘Academic Integrity Policy’ which may be found at provost.uark.edu/. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.