Syllabus
STAT 491
Probability Theory
(Equivalent to STAT 421.)

Instructor: Dr. Richard J. Rossi
Office: Mus 109
Phone: 496 - 4356
Office Hours: TTH 7:15 - 8am, TTH 11-12 ²
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Supplementary Materials: You will need an inexpensive calculator that can perform statistical operations. An acceptable calculator can be purchased for under $25. Also, we will be using the computer occasionally.

Course Content: The topics covered in this course will include the following material:

- Probability
- Random Variables
- Discrete Probability Models
- Continuous Probability Models
- Expected Values of Random Variables
- Functions of Random Variables
- Central Limit Theorem

Grading: Grades will be assigned on the basis of weekly HW (10%), 3 midterm exams (@30% each). The following grade scale will be utilized:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>85-100</td>
</tr>
<tr>
<td>B</td>
<td>75-85</td>
</tr>
<tr>
<td>C</td>
<td>60-75</td>
</tr>
<tr>
<td>D</td>
<td>50-60</td>
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</tbody>
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NOTE: No makeup exams will be given and no late HW will be accepted.

² Other times by appointment. I am usually amenable to unscheduled visits, also.