2014

MATH 169-02 Precalculus

Zarina Chughtai

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Math 169 – 02: Precalculus

Fall 2014, MWF 11:00 – 11:50, Section 2

Instructor: Mrs. Zarina Chughtai

Office: Hinkle 136

Office Hours: Monday, Wednesday, and Friday: 9:15 – 10:30, others by appointment

Please contact by e-mail or in class, in case of appointment, help is only available on Monday and Wednesday during the hours 12:15 PM – 1:15 PM

E-Mail: chughtai@xavier.edu


By: levitan, Kolman, and Shapiro

Material: Calculator TI – 84 or TI – 83, paper, pencil or pen, and text book

Attendance: Attendance will be taken each day. Be there and bring your questions.

Homework: Homework will be given from each section. These problems are designed to help you master the skills and concepts of the section. Homework will not be collected, however I encourage you to attempt all of them. Some time will be spent at the beginning of each class to go over homework questions. If you have a lot of questions, you see me in my office or seek help in the math tutoring lab.

Grading: Your final grade will consist on 7 or 8 quizzes and a comprehensive final exam.

Grading Scale:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>94 – 100</td>
<td>A</td>
</tr>
<tr>
<td>77 – 79</td>
<td>C+</td>
</tr>
<tr>
<td>60 – 62</td>
<td>D -</td>
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<tr>
<td>90 – 93</td>
<td>A -</td>
</tr>
<tr>
<td>73 – 76</td>
<td>C</td>
</tr>
<tr>
<td>0 – 59</td>
<td>F</td>
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<tr>
<td>87 – 89</td>
<td>B+</td>
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<tr>
<td>70 – 72</td>
<td>C -</td>
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<tr>
<td>83 – 86</td>
<td>B</td>
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<tr>
<td>67 – 69</td>
<td>D+</td>
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<tr>
<td>80 – 82</td>
<td>B -</td>
</tr>
<tr>
<td>63 – 66</td>
<td>D</td>
</tr>
</tbody>
</table>

Based on: Quiz Average = 70%, Final Exam = 30%
**Course Description:**

The primary goal of this course is to improve algebraic skills, review or introduce concepts of function, and investigate linear, exponential, logarithmic, polynomial, quadratic, rational and trigonometric functions. The idea is, to understand the fundamental and advanced concepts of algebraic and trigonometric topics and their application. The complete understanding of the concepts is enhanced and emphasized by the use of algebraic, numeric, verbal and graphical presentation of functions.

**Learning Objectives: Student will learn**

To improve their algebraic and trigonometry skills, have good understanding of concepts of miscellaneous topics of algebra and trigonometry, their solid algebraic foundation, skill and confidence enables them to succeed in more advanced mathematics courses.

To understand and the appreciate, and evaluate the use of mathematics in everyday life.

To communicate mathematics effectively in writing and orally.

To utilize mathematical reasoning and language of mathematics with its own symbols, syntax, and semantics.

To get a chance to practice what they have learned in real life situations and solving the problems.

**Course Contents**


**Cell phones:**

Please turn off and put away all cell phones during class (no texting). Cell phones may not be used as a calculator during quizzes and final exam.

Good Luck and have a successful year!