

Math 100: Mathematical Ideas

Course Schedule Fall 2024



IT'S IN THE SYLLABUS

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| August 2024 | | | | | | |
|-------------|--------------------|--|-----|--------------------------------|--|------------|
| ◀ Jul 2024 | | | | | | Sep 2024 ▶ |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 25 | 26 Semester Starts | 27 First Day of Class | 28 | 29 Section 2.1 Counting | 30 Written Homework 1 Due on Gradescope at 11:59pm | 31 |
| | | Introduction to Class Syllabus Highlights Section 2.1 Counting | | Section 2.2 Numerical patterns | | |

| September 2024 | | | | | | |
|---|-----------------------------------|--|---|---|-----|------------|
| ◀ Aug 2024 | | | | | | Oct 2024 ▶ |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 1 WileyPlus Online Homework 1 Due at 11:59pm | 2 Labor Day, campus closed | 3 Section 2.2 Numerical patterns Section 2.3 Prime numbers | 4 | 5 Section 2.3 Prime numbers <u>SMIMIC (San Marcos Informal Mathematics In-person Colloquium) in Commons 206</u> | 6 | 7 |
| 8 WileyPlus Online Homework 2 Due at 11:59pm | 9 | 10 Section 2.4 Modular arithmetic | 11 Written Homework 2 Due on Gradescope at 11:59pm | 12 Section 2.4 Modular arithmetic Section 2.5 Public secret codes <u>K-16 Math for Careers Conference</u> | 13 | 14 |
| 15 WileyPlus Online Homework 3 Due at 11:59pm | 16 | 17 Section 2.5 Public secret codes Section 2.6 Irrational numbers | 18 Written Homework 3 Due on Gradescope at 11:59pm | 19 Section 2.7 Real numbers <u>SMIMIC in Commons 206</u> | 20 | 21 |
| 22 WileyPlus Online Homework 4 Due at 11:59pm | 23 | 24 Quiz 1 Section 4.1 Pythagoras' Theorem | 25 | 26 Reals and Rationals <u>CRESE (STEM Education) Seminar</u> | 27 | 28 |
| 29 WileyPlus Online Homework 5 Due at 11:59pm | 30 | | | | | |

| October 2024 | | | | | | |
|---|-----|---|--|--|---|-----|
| ◀ Sep 2024 | | | | | | |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| | | 1 Reals and Rationals | 2 Written Homework 4 Due on Gradescope at 11:59pm | 3 Reals Rationals and Infinity <u>SMIMIC in Commons 206</u> | 4 | 5 |
| 6 WileyPlus Online Homework 6 Due at 11:59pm | 7 | 8 The Infinities of Our Number Systems 3.1-3.3 | 9 Written Homework 5 Due on Gradescope at 11:59pm | 10 The Infinities of Our Number Systems 3.1-3.3 | 11 | 12 |
| 13 WileyPlus Online Homework 7 Due at 11:59pm | 14 | 15 Section 4.1 Pythagoras' Theorem | 16 Written Homework 6 Due on Gradescope at 11:59pm | 17 Section 4.1 Pythagoras' Theorem <u>SMIMIC in Commons 206</u> | 18 | 19 |
| 20 WileyPlus Online Homework 8 Due at 11:59pm | 21 | 22 Quiz 2 Section 9.1 Stumbling Through a Minefield of Data | 23 | 24 Section 9.2 Getting Your Data to Shape Up, Looking at The Economist for Data <u>CRESE (STEM Education) Seminar</u> | 25 WileyPlus Online Homework 9 Due at 11:59pm | 26 |
| 27 WileyPlus Online Homework 9 Due at 11:59pm | 28 | 29 Section 9.2 Getting Your Data to Shape Up, Looking at The Economist for Data | 30 | 31 Section 9.3 Models | | |

| November 2024 | | | | | | |
|--|--------------------------------|---|---|---|--|-----|
| ◀ Oct 2024 | | | | | Dec 2024 ▶ | |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| | | | | | 1 Written Homework 7 Due on Gradescope at 11:59pm | 2 |
| 3 WileyPlus Online Homework 10 Due at 11:59pm | 4 | 5 Section 9.3 Models Election Day | 6 Written Homework 8 Due on Gradescope at 11:59pm | 7 <i>Weapons of Math Destruction</i> | 8 | 9 |
| 10 WileyPlus Online Homework 11 Due at 11:59pm | 11 Veterans Day, campus closed | 12 Section 8.1 Chance | 13 Written Homework 9 Due on Gradescope at 11:59pm | 14 Section 8.1 Chance Section 8.2 Predicting the future SMIMIC in Commons 206 | 15 | 16 |
| 17 WileyPlus Online Homework 12 Due at 11:59pm | 18 | 19 Quiz 3 Section 8.2 Predicting the future | 20 | 21 Section 8.3 Random Thoughts CRESE (STEM Education) Seminar | 22 | 23 |
| 24 WileyPlus Online Homework 13 Due at 11:59pm | 25 | 26 Section 8.3 Random Thoughts Pythagorus and Trigonometry | 27 Written Homework 10 Due on Gradescope at 11:59pm | 28 Thanksgiving Holiday, campus closed. No class. | 29 Thanksgiving Holiday, campus closed. No class. | 30 |

| December 2024 | | | | | | |
|---------------|-----|---|--|---|---|-----|
| ◀ Nov 2024 | | | | | Jan 2025 ▶ | |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 1 | 2 | 3 Pythagorus and Trigonometry Section 8.4 Down for the Count | 4 Written Homework 11 Due on Gradescope at 11:59pm | 5 Last Class A Big View of Mathematics | 6 WileyPlus Online Homework 14 Due at 11:59pm | 7 |
| 8 | 9 | 10 | 11 | 12 Final Exam 1:45 to 3:45 in Markstein 310 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

| Graded activity | Weight towards final grade |
|---------------------|----------------------------|
| Online Homework | 20% |
| Written Assignments | 20% |
| 3 Quizzes | 12% (each) |
| Final Exam | 24% |
| Total | 100% |