# MA 109 Fall 2021
## Tentative MWF Schedule

|  | Date | Lecture Topic | WebWork Homework Due |
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| **WEEK 1** | Mon, Aug 23 | Syllabus | |
| | Tue, Aug 24 | | |
| | Wed, Aug 25 | Coordinate Plane | |
| | Thu, Aug 26 | | |
| | Fri, Aug 27 | Function Notation | |
| **WEEK 2** | Mon, Aug 30 | Function Notation | |
| | Tue, Aug 31 | | Intro to WeBWork |
| | Wed, Sep 1 | Function Notation | |
| | Thu, Sep 2 | | |
| | Fri, Sep 3 | Domain and Range | Coordinate Plane 2.1 |
| **WEEK 3** | Mon, Sep 6 | LABOR DAY - NO CLASS | |
| | Tue, Sep 7 | | Function Notation 3.1 |
| | Wed, Sep 8 | Domain and Range | |
| | Thu, Sep 9 | | |
| | Fri, Sep 10 | Composition | Domain and Range 3.2 |
| **WEEK 4** | Mon, Sep 13 | Transformations | |
| | Tue, Sep 14 | | Composition 3.4 |
| | Wed, Sep 15 | Transformations | |
| | Thu, Sep 16 | | |
| | Fri, Sep 17 | Inverses | Transformations 3.5 |
| **WEEK 5** | Mon, Sep 20 | Review for Exam 1 | |
| | Tue, Sep 21 | | Inverses 3.7 |
| | Wed, Sep 22 | Review for Exam 1 | |
| | | Exam 1, 7:30pm-9:30pm | |
| | Thu, Sep 23 | | |
| | Fri, Sep 24 | Linear Functions | |
| **WEEK 6** | Mon, Sep 27 | Systems of Equations | |
| | Tue, Sep 28 | | Linear Functions 2.2 and 4.1 |
| | Wed, Sep 29 | Systems of Equations | |
| | Thu, Sep 30 | | |
| | Fri, Oct 1 | Linear Models | Systems of Equations 7.1 |
| **WEEK 7** | Mon, Oct 4 | Linear Models | |
| | Tue, Oct 5 | | |
| | Wed, Oct 6 | Average Rate of Change | |
| | Thu, Oct 7 | | |
| | Fri, Oct 8 | Quadratics | Linear Models 2.3 and 4.2 |
| **WEEK 8** | Mon, Oct 11 | Quadratics | |
| | Tue, Oct 12 | | Rate of Change 3.3 |
| | Wed, Oct 13 | Polynomials | |
| | Thu, Oct 14 | | |
| | Fri, Oct 15 | Polynomials | Quadratic Functions 5.1 |

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| **WEEK 9** | Mon, Oct 18 | Review for Exam 2 | |
| | Tue, Oct 19 | | Polynomials 5.2 and 5.3 |
| | Wed, Oct 20 | Review for Exam 2 | |
| | | | Exam 2, 7:30pm-9:30pm |
| | Thu, Oct 21 | | |
| | Fri, Oct 22 | Rational Functions | |
| **WEEK 10** | Mon, Oct 25 | FALL BREAK - NO CLASS | |
| | Tue, Oct 26 | | |
| | Wed, Oct 27 | Rational Functions | |
| | Thu, Oct 28 | | |
| | Fri, Oct 29 | Rational Functions | |
| **WEEK 11** | Mon, Nov 1 | Exponential Functions | |
| | Tue, Nov 2 | | Rational Functions 5.6 |
| | Wed, Nov 3 | Exponential Functions | |
| | Thu, Nov 4 | | |
| | Fri, Nov 5 | Exponential Functions | |
| **WEEK 12** | Mon, Nov 8 | Logarithmic Functions | |
| | Tue, Nov 9 | | Exponential Functions 6.1 and 6.2 |
| | Wed, Nov 10 | Logarithmic Functions | |
| | Thu, Nov 11 | | |
| | Fri, Nov 12 | Logarithmic Functions | |
| **WEEK 13** | Mon, Nov 15 | Review for Exam 3 | |
| | Tue, Nov 16 | | Logarithmic Functions 6.3 and 6.4 |
| | Wed, Nov 17 | Review for Exam 3 | |
| | | | Exam 3, 7:30pm-9:30pm |
| | Thu, Nov 18 | | |
| | Fri, Nov 19 | Logarithm Rules | |
| **WEEK 14** | Mon, Nov 22 | Function Graphs Review | |
| | Tue, Nov 23 | | |
| | Wed, Nov 24 | THANKSGIVING BREAK - NO CLASS | |
| | Thu, Nov 25 | | |
| | Fri, Nov 26 | | |
| **WEEK 15** | Mon, Nov 29 | Exponential and Log Equations | |
| | Tue, Nov 30 | | Logarithm Rules 6.5 |
| | Wed, Dec 1 | Exponential and Log Equations | |
| | Thu, Dec 2 | | |
| | Fri, Dec 3 | Exponential Models | Exponential and Log Equations 6.6 |
| **WEEK 16** | Mon, Dec 6 | Review for Final Exam | |
| | Tue, Dec 7 | | Exponential Models 6.7 |
| | Wed, Dec 8 | Review for Final Exam | |
| | Thu, Dec 9 | READING DAYS - NO CLASS | |
| | Fri, Dec 10 | | |
| **FINAL** | Mon, Dec 13 | | Final Exam, 6pm-8pm |