

MATH 20-1

COURSE OUTLINE

Instructor: Mr. Carder (scarder@rockyview.ab.ca)
Textbook: Pre-Calculus 11 (McGraw Hill Ryerson, 2011)
Calculator: TI-84+ is recommended

Topics of Study:

Topics of study include: Sequences and Series, Trigonometry, Quadratic Functions, Quadratic Equations, Systems of Equations, Linear and Quadratic Inequalities, Radical Expressions and Equations, Rational Expressions and Equations, Absolute Value and Reciprocal Functions.

Evaluation:

Chapter Tests (6)	50%
Projects	15%
Portfolio	10%
Final Exam	25%

Important Dates (tentative):

Trigonometry Test	Sept 19
Quadratic Functions Test	Oct 7
Quadratics Equations Test	Oct 24
Radical Expressions and Equations Test	Nov 12
Rational Expressions and Equations Test	Nov 28
Systems of Equations and Inequalities Test	Dec 16
Sequences and Series Project	Nov 15
Absolute Value and Reciprocal Functions Project	Dec 20
Portfolio	January 8

Class Expectations:

How Will You **RISE** in Math 20-1?

R – Responsibility: At all times, you are responsible for your own effort and attitude and how you interact with others. Always treat classmates, staff, and our learning space with respect.

I – Integrity: Be someone who is worthy of trust and admiration. Work submitted as your own must be created entirely by you. Credit others where credit is due: this includes citing information used in your work and also crediting and thanking those who help you on your way.

S – Strength: One of the best ways to learn is to fail. Embrace this, learn, and try again. This building is full of caring people. Seek help and support when you need it – from friends, teachers, and counsellors. Understand that we all experience stress and problems. How we deal with them and overcome them demonstrates strength in our character.

E – Excellence: Excellence can never be achieved without a foundation of responsibility, integrity, and strength. Excellence is PERSONAL excellence. Your personal excellence may look very different than another person. Set realistic goals and strive to meet them.

**"Don't be upset by
the result you
didn't get
with the work
you didn't do."**

Procedures when Absent:

- from a regular class: You are responsible to obtain missed notes from another student or check the Moodle page and catch up on the assignment listed on the assignment sheet.
- from a chapter test: The test dates are posted well in advance. As such, if there is a conflict you need to let me know ASAP so that other arrangements can be made.

Phone Policy: Phones are unwelcome in this classroom. Students are asked to leave their phones in their vehicle or locker.