# Butte Falls Secondary School Applied Technical Math Syllabus Math 96

# Ms. Brown 2016-2017

**Applied Technical Math (RCC Math 63/Math 96) Course Description**

Math 63 is an applied Algebra/Geometry that is the first course in the developmental mathematics sequence at RCC. Topics include: operations with real numbers, measurement, proportions, percent, dimensional analysis, order of operations, solving equations, Pythagorean Theorem, angles, trigonometry, area, perimeter, surface area, and volume..

Math 96 is an Applied Algebra 2 concludes the developmental mathematics sequence at RCC. It includes an introduction to the study and application of linear, quadratic, power, exponential, and logarithmic expressions and functions. Working with real data, the mathematics of curve fitting will be developed making extensive use of the graphing calculator and creating excel spreadsheets.

These courses are two of the College Now courses offered at Butte Falls Charter School, which means that 4 RCC credits for each semester can be earned by successfully completing this course. Credit is earned by maintaining an 80% or higher overall grade and earning an 80% or higher on the RCC Final Exam.

**Required Materials**

Sharpened pencil/mechanical pencil/pen

1” – 2” 3 ring Binder

5 tab dividers

Wide/college ruled lined notebook paper

**Recommended Materials**

TI- 30 or higher graphing calculator (I recommend a TI-84 if you can afford it)

Ruler/Protractor/Compass

Markers/Colored Pencils

Highlighters

**Student Expectations**

* Students are expected to come to class prepared and ready to learn every day. Math is not a spectator sport and you will learn best through practice. In-class and homework assignments are the practice required to demonstrate proficiency on the tests and quizzes.
* If you are absent, ***it is your responsibility*** to learn any missed material and make up any missed work. Each student is expected to take notes, ask questions in class, participate in activities, and study for all tests/quizzes. If there are complaints or questions about the rules, expectations, grading, or tests, please talk with me about your concerns.
* Cheating, plagiarism, and other acts of academic dishonesty are regarded as serious offenses. While you may work/consult with classmates, any work you turn in must be your own. Depending on the nature of the offense, serious penalties may be imposed, ranging from receiving a zero on the assignment to failure of the class.

**Classroom Rules**

1. **No Personal Electronic Devices Allowed** – this includes cell phones, IPods, mp3 players, etc.

2. **Be Respectful** – treat all students, staff, and property with care and kindness.

3. **Be Attentive** – pay attention, be alert, cooperate with teacher/classmates, and stay engaged.

4. **Be Prepared for Class** – bring all required materials to class, be in your seat ready to learn when the bell rings, take care of personal business during lunch/passing time.

5. **No food.** Drinks with lids are ok. Gum is ok until you abuse that privilege.

**Consequences**

1. Warning and/or conference after class
2. Sent out of class to hallway to complete reflection.
3. Office referral (administrative decision on consequence)

*Severe rule breaking may result in immediate jump to step 2/3 on the consequences above*.

**Grading Policy**

**Tests/ Quizzes**

**Tests 40%** and **Quizzes 20%** will be given as appropriate in the middle or at the end of each unit. I ***DO NOT*** automatically offer Retakes for tests and quizzes. However, you may be able to take a Retake once you have made corrections (except on the RCC Final). For those not taking a Retaking you can still make corrections and earn up to ½ of the points you missed back. For example if you miss 20 points on a test/quiz you could make corrections and earn back 10 points.

**Projects/Problem Solving**

**Projects 10%** and **Problem Solving 10%** assignments will be graded on a rubric, which will be given to you when the project is assigned.

**Warm Ups/Classwork/ Homework/Personal Management**

Daily IXL review **Warm-ups 5%** will be required at a minimum of 80% and must be completed in the first 5 minutes of class. In-class assignments or **Classwork 5%** may be regularly assigned and may be graded for correctness or completion. If you come to class unprepared, without the materials necessary to complete the assignment, your grade could be affected. You will be required to keep your materials organized in a binder and participate in class for a **Personal Management 5%** grade. **Homework 5%** problems/IXL assignments may be required for each section covered. Unless otherwise stated all homework assignments will be due at the beginning of class on the Thursday after it was assigned and may be corrected in class. If you are absent on Thursday your homework must be turned in at the beginning of class on Monday, no exceptions. Unexcused absences may result in assignments not be accepted.

**Late work** will be accepted with 10% penalty per week up to 3 weeks. 1 week late max score 90%, 2 weeks late max score 80%, 3 or more weeks late max score 70%.

**Online/After School Tutoring**

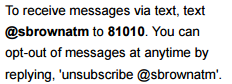
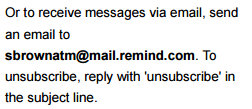
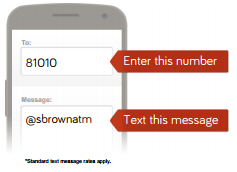
Students who are having difficulties should let me know immediately. There are many resources available to assist struggling students including Online Video Tutors through Khan Academy as well as possible after school and Friday tutoring/study hall upon request.

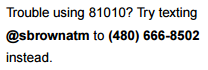
**Contact Information**

1. Send an email: [sbrown@buttefalls.k12.or.us](mailto:sbrown@buttefalls.k12.or.us). I check it several times per day. I also check my email regularly afterschool and on the weekends/breaks.
2. Call me at school. Please leave a message and I’ll get back to you during my planning period or after school. My number is 865-3563 ext. 257

**Email/Text Notifications**

Information, updates, and important reminders about assignments, upcoming tests, class activities, permission slips and other paperwork will be sent using Remind. You can receive these updates by text message, email, or both by following the instructions below.





**Please return this page by Thursday, September 8th.**

\_\_\_\_ I have read the attached Applied Technical Math Course Syllabus.

\_\_\_\_I signed up for Email/Text Notifications

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*Student’s Printed Name Student’s Signature Date*

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*Guardian’s Printed Name* Guardian’s Signature Date

**Parent/Guardian’s Contact Information** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Home E-mail \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Work E-mail \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I prefer to be contacted by: \_\_\_Phone \_\_\_Email

Best time to be reached by phone is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Comments/Concerns:**

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