

## Apprenticeship 12

Apprenticeship 12 is a comprehensive course designed provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. The material is covered through projects, activities, and problems from the workplace. It is intended that students will become confident in their mathematical abilities through this course. Our focus this year is to help students understand the importance of math in everyday living.

This course is designed to be taught and completed entirely in class. If a student works diligently and uses class time productively they will have no homework.

**Students must successfully complete this course to graduate!**

The following skills and concepts are the foundation of this course

- Slope
- Measurement
- Surface area
- Volume and Capacity
- Personal Budgets
- Finances
- Trigonometry of Right Triangles
- Scale Representations



## **EXPECTATIONS AND EVALUATION**

### **A. ABSENCES**

1. Regular attendance is necessary to be successful in Mathematics.
2. If you are absent please contact a classmate for missed work or check on Moodle. Otherwise, upon your return it is **YOUR** responsibility to see the teacher about missed work on your own time!
3. **Missed tests/quizzes due to illness.** Missing work must be completed in a reasonable time upon return to school. Students are expected to have a conversation with me about an acceptable time line for completing the work. (You must also keep up with new work during this period)
4. Students who are absent on the day of a test/quiz must write the test/quiz **at lunch or tutorial within 1 week of returning to school.**
5. Prior notice of unavoidable absences, as early as possible, is requested. If students would like work, they can access notes on moodle and print them off at home or in the library.

### **LATES**

1. Please be on time to avoid disrupting the class.
2. If you are late without an excuse during a test or quiz, you will not be given extra time.
3. Excessive lates will impact on your work habit mark and will be dealt with accordingly with increasing consequences.

### **B. CLASSROOM CONDUCT**

1. It is expected that **everyone** and **everything** will be treated with respect. Arrive with all equipment needed.
2. No talking when the teacher is teaching or when someone is asking or answering a question.
3. Raise your hand and wait to be acknowledged when you have something to say/ask.
4. Do not hesitate to ask questions, likely several others in the class are wondering about the same point.
5. Leaving the classroom excessively (every single day) will not be permitted. You are expected to arrive to class prepared. This includes going to the bathroom before class starts!

### C. EVALUATION

#### Semester Mark:

|                                                |     |
|------------------------------------------------|-----|
| Course Work (Unit Tests, Quizzes, Assignments) | 70% |
| Final Exam                                     | 30% |

Assignments can be handed in **up to the next unit test**. Assignments will be handed in stapled to the unit calendar and individually self assessed, in accordance with the guidelines for submitting practice work. **Students are responsible for all work even if ill.**

### D. ACADEMIC DISHONESTY

Students caught cheating on an exam or copying another student's work will receive a zero.

### E. RE-WRITES

**Only** unit tests can be re-written. A test re-write may be granted upon request as per the following criteria:

- Student eligibility will be considered on a case by case basis. The following criteria will be used to determine if the student can re-write: overall effort in class, accessing lunch time support, excessive absences, missing assignments or incomplete homework during the unit.
- Re-writes must take place within 1 week of the original test date.
- Students must spend lunch hours with me correcting their original test and possibly completing a chapter review.
- Student must be able to attend the re-write time for the unit test in question.
- Test re-writes must be completed outside of class time and at the teacher's convenience.

### F. EXTRA HELP

I will be available for extra help, Monday through Friday at lunch time in Room 2205. Math tutorials are available every Wednesday.

## *Apprenticeship 12*

### *Parent Letter*

Students have received a printed version of the course outline. Please have your child discuss the key points covered in class with you.

The Workplace Mathematics pathway was designed for students who may want to pursue post-secondary studies in trades, certified occupations, or direct entry into the workforce. It is intended that students will become confident in their mathematical abilities through this course. Apprenticeship 12 is a **graduation requirement** course.

Students are expected to attend all classes and be on time. If a class is missed, it is the **student's** responsibility to find out what they missed and complete the missed work in a timely manner. A summary of the days' work will be found on my **Moodle** page.

**Homework is not assigned in this class.** If students work diligently and use class time effectively they should be able to complete all assigned work during class. If students fail to use class time wisely it is their responsibility to complete the work on their own time.

Students will **need a scientific calculator**. A calculator with a square root,  $y^x$  or  $x^y$  and trigonometry functions (sin, cos, tan) will be sufficient. **Cell phones are not a substitute for a calculator.**

**Only unit tests can be re-written in this course. Practice must be handed in by the unit test to receive full marks. Work can be handed in up to the following unit test. See expectations for guidelines.**

Students are expected to act in a mature, responsible manner appropriate for a classroom and respect the learning environment. Parents of students who have difficulty adhering to these expectations will be contacted in order to ensure a positive learning environment for all students.

Grades will be emailed home after every unit test. To facilitate the emailing of grades, I would appreciate it if parents could please fill out the attached page and have their child return it as soon as possible.

Thank you for your support. I am looking forward to a great semester!

Mr. Ford  
Email: [jford@sd57.bc.ca](mailto:jford@sd57.bc.ca)

Student Name (please print) \_\_\_\_\_

Parent's Signature \_\_\_\_\_

Email address for communication purposes \_\_\_\_\_