Apprenticeship and Workplace Mathematics 11   Name: _____

Course Outline   Block: _____

Teacher: Mrs. Bousserska (dbousserska@deltasd.bc.ca; http://sdbousmath.weebly.com)   **Room:** 277

Course Objectives:
- Apprenticeship and Workplace Mathematics 11 is designed to prepare students for trade programs or direct entry into the workforce. Thus, it demonstrates how to use Mathematics in everyday life. The skills that are taught are those that informed citizens need.

Course Outline:

- Chapter 1 – Interest: Investing Money
- Chapter 2 – Working with Graphs
- Chapter 3 – Surface Area
- Chapter 4 – Volume and Capacity
- Chapter 5 – Interest: Borrowing Money

- Chapter 6 – Slope and Rates
- Chapter 7 – Drawing Objects and Shapes
- Chapter 8 – Managing Money
- Chapter 9 – Solving Right Triangle Problems
- Chapter 10 – Linear Relations

Unit Instructions
Each unit has its own booklet with lessons and assignments. The questions in the assignments are to be completed in the booklets. For each unit you will be required to complete the following:
- Review Assignment
- A Unit Quiz
- A Practice Test
- A Unit Test

Course Workbook

- Mathematics for Apprenticeship and Workplace (Nelson).

Course Materials: *Students are expected to bring the following items to each class.*

- 3-ring binder (for math 11 only)
- 7 dividers (one for each chapter)
- Line paper & *Grid paper*

- Pencils, coloured pens (blue, black and red), highlighter, eraser, and ruler
- Scientific calculator

Course Evaluation:
- **Work Habit Mark – G, S, N**   *Work Habit Marks:*
  - Participation & effort   G – Good
  - Attendance & punctuality   S – Satisfactory
  - Organization & supplies   N – Needs Improvement

- **Academic Grade:**

Assignments	20% of the course	A	86 – 100%	C	60 – 66 %
Quizzes	20% of the course	B	73% – 85%	C-	50 – 59%
Tests	60% of the course	C+	67% – 72%	F	< 50%

Key to Success in Apprenticeship and Workplace Mathematics 11:
- Show up to all classes, on time, with all required materials.
- If you do miss a class, you are responsible for catching up on any work you missed, immediately upon returning to school.
- Complete and hand in all assignments and projects on time!
- Present and prepared for all scheduled tests.
- Ask questions or come in for clarification when you are unsure. Do not wait until the test!

Keys to Success (Expectations):

1. **BE PREPARED** – with all materials and work done, ready to go.

2. **BE HERE** – mentally and physically: second hand notes are never as good as the whole - class experience, and catching up is always harder than keeping up. Repeated absences may result in you being withdrawn from the course.

3. **BE RESPECTFUL** - of the ideas, ability, right and property of others of others. Listen to the lesson quietly, speak one person at a time, and pay attention to the questions from other students, learn from each other! Don't be afraid to ask.

4. **BE EFFICIENT** – work on today's work today. Use the resources that you have developed especially your notes and examples. Use the textbook to find other examples. Use your partner to help understand concepts and questions (except on test and quizzes be aware of cheating!).

5. **BE FOCUSED** - write down all the notes and examples from the board or overhead screen. Asked if you do not understand.

6. **BE ORGANIZED** – keep one binder exclusively for Math. Date all of your notes and assignments, and title/label everything.

7. **BE PROACTIVE** – if you are struggling ask for help during the work time in class, before you leave. Do your homework the night it is assigned (you have to plan at least two hours to finish it), and if you are still having trouble, come see me the next day before the next class. If the homework is not completed on time you must stay during the lunch break or flex to finish it.

8. **NO PHONES** during the classes. Having a phone when you write a quiz or a test will result a mark of zero.

Note:

You must have all assignments completed before writing the unit test.