APPRENTICESHIP & WORKPLACE MATH 11

**TEACHER:** Mr. Ambrose **EMAIL:** dambrose@johnoliver.ca

**WORKBOOK:** MathWorks 11 **WORKBOOK FEE:** $25

**COURSE RATIONALE:**

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force.

**METHODOLOGY & ASSESSMENT:**

Throughout the year, students will complete a variety of assessments including both formative and summative assessments. The assessment process reveals what a student understands, knows and can apply. The evaluation process indicates the quality of performance based on learner outcomes (curriculum). Assessment and evaluation provide ongoing feedback to teachers, students and parents in order to enhance student learning. Students will be continuously assessed and students will be assigned a mark each term that reflects their ability to meet the learning outcomes. Possible forms of assessment this year may include:

|  |  |  |  |
| --- | --- | --- | --- |
| **Formative**  **(monitor student progress)** | **Summative (evaluate achievement of learning outcomes)** | **Grading** | **Final Grade** |
| * Homework/Chapter Checks * Checkpoints (quizzes) * Ongoing feedback | Course Mark:   * Unit Exams * Projects * Assignments | Tests: 60%  Quizzes, 40%  Assignments,  Projects, and  Homework | Term 1: 30%  Term 2: 34%  Term 3: 36%  School Mark: 80%  Final Exam: 20% |

**TOPICS OF STUDY:**

|  |  |
| --- | --- |
| * **Investing and Borrowing Money** * **Managing Money** * **Working with Graphs** * **Slope and Rates** * **Linear Relations** * **Surface Area** * **Volume and Capacity** * **Drawing Shapes and Objects** * **Solving Right Angle Problems** |  |

Note:

Homework will be assigned daily. We ask that all work to be neatly shown and questions marked and corrected. The ability to make assigned deadlines is a course requirement.

**GOALS & EXPECTATIONS:**

Remembering these goals and expectations will minimize wasted time and allow us to get more out of this class.

1. Bring all material to class everyday. This includes textbooks, calculators, rulers, paper, etc.
2. **Be on time!** Lateness wastes the teacher’s time, your fellow student’s time along with your time.
3. Show respect for everyone in the class. **This includes not talking and paying attention when the teacher or a student is addressing the class**.
4. Respect everyone's right to learn. Everyone should contribute to a positive learning environment.
5. Cell phones must be turned **off** if they are brought into the classroom. MP3 players should not be **on** when there is instruction going on (permission for use during seatwork is required). They will be confiscated if they are **on** in class. Cell phones or other electronic devices on your person during tests or quizzes will be considered academic misconduct. Cell phones should only be visible if directed by the teacher (if used for the current lesson).
6. You may ask the teachers permission to leave the room for legitimate reasons and you are required to explain the purpose of your leave. Do not abuse this privilege, if it is abused it will be taken away. Wandering halls constitutes an abuse of this privilege.
7. Students should remain seated and working until the end of the class. *Class does not end at the warning bell*.
8. Homework and assignments must be submitted on time.
9. Mathematics is a cumulative subject where new topics are based on previously learned material. Anything less than full attendance and attention will not allow you to learn to your ability.
10. I am available for help every morning from 8:00 – 8:30am without appointment. Students can make arrangements with me outside of this timeframe.

**TEST POLICY:**

It is your responsibility to be aware of up coming quizzes and tests. **If you miss a quiz or test, a make up test will not be considered unless a message verifying the reason for your absence is left on my email by a parent or guardian**. My email address is **dambrose@johnoliver.ca**. It is your responsibility to find out **immediately** upon return to school, when the make up times are and to make the proper arrangements to attend, otherwise a mark of zero will be assigned.

**FINAL EXAM:**

All students will write a Final Exam in June to ensure students have met the essential learning outcomes of Apprenticeship & Workplace Math 11. This exam is intended to guide students towards the course(s) that will suit them best. The exam will help determine the following:

* If you need to take the course again during the summer
* If you should take the course again the following year

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The grade that you want to achieve in this course:

What you will need to do to achieve this: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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These expectations have been read and understood by the student and Guardians.

Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_