Workplace and Apprenticeship 10 Period 5

Syllabus

Mr. Guenther

Goals

- Learn to love math and use it in real life
- Confidently pass the course

Outline

Unit	Description
Unit 1	Currency
Unit 2	Income
Unit 3	Length, Area, Volume
Unit 4	Mass, Temperature, Volume
Unit 5	Angles & Parallel Lines
Unit 6	Similarity of Figures
Unit 7	Trigonometry of Right Triangles

Grades

Type	Weight
Quizs	60%
Projects	30%
Final Exam	10%

While attendance and interaction in class are not marked, I can guarantee you that showing up to class and being attentive will result in a higher grade on your mark, because you will be learning.

Quiz

Every Friday will be a quiz, summarizing what has been learned throughout the week. The quiz will be a maximum of 20 minutes each week, and will happen at the later part of the class.

The quizzes will follow the curriculum for assessment.

Each question on the quiz will be worth 3 marks.

Quiz Grade

Mark	Translation
0	Nothing
1	+ Right Equations
2	+ Right Steps
3	+ Right Answer

Questions on the quizzes will be sorted according to content type. Similar questions will be asked multiple times in order for the student to show achievement. The best grade will be taken.

Example

On my first quiz I got 1 out of 3 on the Pythagorean theorem, but did well on the other questions. The next quiz was the opposite, I did well on the Pythagorean theorem, but didn't do so well on the others. In this case, the highest grade will be taken from each section of the 2 quizzes, to give the student the highest possible grade.

Preparing for Quizzes

As you may have noticed by now, there are not assignments in this class. The only thing you will be marked on is your projects and your quizzes. However, if your grade in this class will greatly increased if you practice with assignments. At times I will give out questions to practice with, and then review them on the

board. You are not obligated to do this, but if you refuse to work on them, your grades in this class will suffer.

Additionally, anyone who's grade is a **D** will have these assignments be mandatory. Failure to turn in a completed assignment will result in a -1% off your final grade. Once you manage to raise your grade above a **D** all your penalties will be cleared.

If at the end of the semester I decide to review this policy in your favour, I reserve the right to do so.

Projects

Projects are meant to be real life applications for using math. Each project will be in the form of a question

It is then your task to find the answer. Initially I will give you a lot of direction, but as the semester continues you will need to provide your own direction in order to complete these projects.

Example

How many baseballs would fit in a baseball diamond?

Judging from your current income and expenses, how long before you reach 1 million dollars?

Grade

Mark	Translation
0	Nothing is done
1	+ Attempted
3	+ Correct use of equations
4	+ Shows work
5	+ Correct Solution with no errors
6	+ Adds presentation
7	+ Perfection (I can't find anything to fix)

Due Dates

Projects will be due on the day I set for them. There is a grade of 0 given if the project is not turned in on this day.

The reason being when you get into the workplace , there are deadlines, and you could lose your job if you fail to meet those guides.

That said, my purpose here is to prepare you for this task. I will provide a tentative deadline. Some companies actually do this to make sure the project is turned in on time. If you hand in your work ahead of the final deadline, at your request I can look over your project and recommend any changes before I actually grade it.

I will not do this if you turn in the assignment on the due date.

Closing Remarks

it is my commitment to you to help you as you discover more about math. I cannot help you if you are not engaged in class. I need your cooperation to make this work. I need your committment to work hard on your projects and quizzes.

Food

Food is an essential part of your intellectual and physical growth, both of which are necessary for your spiritual growth. As such I have a recommended diet

- Fish (Omega 3 for enhancing memory)
- Eggs (vitamins A & B are good for memory)
- Caffeine before class for building new memoires
- Cherries for falling asleep
- Bananas to calm and relax muscles
- Almonds to promote sleep and muscle relaxation
- Dark chocolate for stress relief
- Avocados for the immune system
- Garlic and Onions for the win (maybe ask your parents about this one :)

Sleep

I recommend 8 hours a night. You need your brain functioning at full capacity as you study math.

Relaxation

You brain needs to work hard at school. That is why I recommend that you take at least 1 hour a night doing something that relaxes you.

Some things that relax me are as such: * video games * reading * TV show * discovering new technology * taking pictures * building with lego

some things that I DON'T find relaxing: * Surfing facebook * doing homework

End

This can be a great semester, but it will not be easy all the time. I need your cooperation to make this a fruitful semester.

Sincerly,

David Guenther