Biology 40S Course Outline Ms. Hueging

huegina@brandonu.ca Available: noon and after school till 4:30

Grade 12 Biology is arranged around the themes of genetics and biodiversity as shown below. Working with these “big ideas” students’ interests can be stimulated and more in-depth inquiry allowed. Students will gain relevant information and knowledge which will be reflected in their development of skills and attitude as well as promoting inquiry regarding various aspects.

# Topics

**Genetics**

 Understanding Biological inheritance

 Mechanisms of inheritance

**Biodiversity**

 Evolution Theory and Biodiversity

 Organization of Biodiversity

 Conservation of Biodiversity

# Assessment

Term work-70%

**Course work**-will include frequent checks for understanding. Checklists, observations, daily assignments, labs, reflections and quizzes will be used to evaluate students’ understanding of the outcomes and will count for 40% of the term work. Knowledge and understanding, scientific inquiry, design process and problem solving will all be evaluated here.

 Each unit your 2 lowest formative assessment marks will be dropped from your average.

**End of term work**-will include end of unit tests and/or projects, reflections and will count for 60% of the term mark.

Final exam-30%

 Will be written during the exam period in January

# Expectations

#1 rule: RESPECT-yourself, others and the property of the class

Also I expect you to:

* Have regular attendance(course build on knowledge taught previously, irregular attendance will affect your grade
	+ If you do have to miss class it is **your responsibility** to catch up on missed notes, assignments or tests. (Don’t do this during class time)
* Late assignments
	+ Formative- formative assignments are meant for both you and I to examine where you are in your understanding, therefor quick feedback in necessary and assignments of this type will not be accept late. Failure to submit the assignment on time will result in an IC. 3 IC’s a unit and you will have to do an additional assignment.
	+ Summative-for summative assignments you will be deducted 2% a day to a maximum of 10%. After 5 days you will be given an IC and will require a meeting with your parent about an alternate assignment to be completed to receive a 50%.
* Labs
	+ We will do lots of experiments this year. Some of the chemicals we will use are carcinogenic. You MUST listen carefully to instructions. If at any time I feel you are endangering you or other members of the class you will be removed from the class. Experiments are not a right but a privilege and should be treated as such.
* Food
	+ No food in the classroom. This is for your safety.
* Bring to class
	+ Paper, pens, binder and a love of Biology!

I have read and agree to the terms of this class. I believe they are fair and attainable. Any questions or concerns I have I will contact Ms. Hueging for clarification.

Student signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read and agree to the terms of the class my son/daughter will be attending. I believe it to be fair and attainable by my son or daughter. Any questions or concerns I have I will contact Ms. Hueging for clarification.

Parent/Guardian signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_