

**CATHOLIC DISTRICT SCHOOL BOARD OF EASTERN ONTARIO
NOTRE DAME CATHOLIC HIGH SCHOOL**

COURSE TITLE: Functions

COURSE CODE: MCR 3U

COURSE DESCRIPTION:

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate both discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. (The Ontario Curriculum Grade 11 Revised, 2006)

UNITS OF STUDY/STRANDS (not necessarily covered in this order)

- Characteristics of Functions
- Exponential Functions
- Discrete Functions
- Trigonometric Functions

COURSE EVALUATION:

Student Achievement will be based on individual demonstration for specific expectations. All major assignments will be evaluated using levels. For the purposes of reporting, the percentages grade range will correspond to the following levels as defined by the Catholic District School Board of Eastern Ontario:

Level	Mark Code	Level	Mark Code	Level	Mark Code	Level	Mark Code
4++	98/ 100						
4+	94	3+	79	2+	69	1+	59
4	86/ 90	3	75	2	65	1	55
4-	82	3-	72	2-	62	1-	52

DETERMINING THE GRADE

A student's overall grade will be obtained from the following:

70% Summative Evaluation

30% Final Assessment Activities

Summative Evaluation:

Term Assessment Weighting

All categories will be weighted equally

70%

Final Assessment Weighting

Culminating Activity

Final Examination

30%

15

15

As per NDCHS policy, if the Culminating Activity and Final Exam are *not attempted*, no credit in this course will be granted.

SCHOOL POLICIES

Late Assignment

If a student fails to submit a summative assignment on the due date they will receive a completion contract. They will renegotiate a new due date with the subject teacher. The student will have their parent sign the contract and return it to the teacher the next day. If the contract is not returned, the classroom teacher will phone the parent. If the assignment gets submitted on the new date, the student will receive a grade. If not, the student will report to study hall and the parent will be notified. If completed at a passable level, the assignment will receive a "pass".

Academic Dishonesty

If a student cheats on a test or plagiarizes a summative assignment, they will have to re-do the work in a supervised setting at their teacher's convenience. The student will be notified and the vice-principal will create a file to track the incident. Should a second incident occur in any class, the student will receive a suspension and a grade of zero for that assignment.

CLASSROOM EXPECTATIONS:

1. Come to class with a **binder, textbook, pencil, paper, and scientific calculator**.
2. Be on time for class. Lates contribute to lack of knowledge of the material presented, may merit a detention.
3. Come to class wearing a complete uniform, as outlined under the school uniform guidelines. Uniform issues will be dealt with by administration. Your return to class will be considered a late for attendance purposes.
4. Maintain a notebook in a three ring binder. Notes should be dated, and homework identified and **attempted**.
5. Keep the classroom in order; i.e. no writing on desks, **no food**, no school bags or jackets, and no devices that interfere with learning will be permitted in the classroom.
6. Catch up on all work missed due to absence. This is **YOUR** responsibility.
7. All tests, assignments (items submitted for evaluation) must be written in **pencil** (or typed) or it will **NOT** be evaluated, and will be required to be resubmitted.
8. There is no talking during a test or quiz. Talking during this time period, even if you are finished will result in a zero.
9. Test days are important. There are **no** chances to re-write a test for illegitimate absences. If you'll be missing a scheduled test day for a school approved activity arrangements must be made **in advance** to schedule an alternate time to write the test.
10. Assignments are due right at the **beginning** of class of the established due date.
11. Ask for help when experiencing difficulty. I am always willing to help. Arrangements can be made for help at lunch hour or after school.

Parents/Guardians: Please be aware of the expectations set for your son/daughter in this course. If you have any questions, please do not hesitate to contact me at Notre Dame: 253-4700 or via **email**.

Cathy.Wyatt@cdsbeo.on.ca

Sincerely,

Cathy Wyatt