**j0238385INTRODUCTION TO OPTICS (MCC DUAL CREDIT)** Ms. Virga

*Spring 2019*  Room 2022

**Daily Optics Materials**

* Organizational tool of your choice (folder, etc.)
* Something to write with

**Behavior of Scientists**

Each student is expected to behave in class as a scientist and a scholar. Here’s what I expect each day:

* Consider how your **actions affect your own learning** and the **learning of others**.
* Use language that is **inclusive** rather than exclusive.
* Acknowledge that first ideas don’t need to be “right” ideas—**learning is a revision process**.
* **Take advantage of learning opportunities**, including those presented in class, during review/ help sessions, and on the class website. Seek out help when you need it!
* No cell phone use unless given permission by your teacher. Students may choose to store or charge their phone in a “Cell Phone Parking Lot” when they enter the classroom. If your phone is not in the parking lot and is causing a distraction from work in class, you will be directed to “park” your phone.

**Grading Policies**

I value the work you do in class each day, and I will always give work that is worth doing. Each quarter, your average in optics will be calculated from the following assessments:

**Unit Tests 20%** There will be 10 of these assessments OF learning through the year

**Classwork\* 80%** Includes labs, class activities, mini-projects, and scientific collaboration

\* These assignments may be corrected **prior to the end of each quarter** for points back.

* This is a ONE SEMESTER course. All work must be complete and submitted by June 17, 2019.
* There will be an **in-class final exam** that will count for **20%** of your **overall course** grade.
* If you are absent from class for any reason, it is expected that **YOU** see me to make up work missed to avoid zeros in the gradebook. Depending on the circumstance, you may be provided with an alternative assignment.

### Dual Enrollment and Attendance

Introduction to Optics is a dual enrollment course with MCC with college-level expectations.

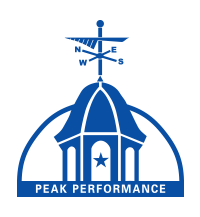
Dual enrollment program registration is due February 27. More information will be provided in class. Attendance is necessary to successfully complete this course. At MCC, 2 unexcused absences get you immediately removed from the course without a refund of course cost. If you are having trouble making it to class for any reason, a meeting will be scheduled with your counselor to discuss your ability to remain in the course.

To gain MCC credit, you need to obtain a course average of 75 or higher. To receive IHS credit, you need a course average of 65 or higher.

**Contact Information**

**Class website** | <http://missvirga.weebly.com> **Email** | alexandra\_virga@westiron.monroe.edu

**Remind** | Join our class by texting this message **@9b8aca** to this number **81010**



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|  | **Irondequoit High School Room 2022**  **Laboratory Safety Contract** |

**PURPOSE:**

Science is a hands-on laboratory class. You will be doing many laboratory activities which require the

use of chemicals and equipment that may be dangerous if not handled properly. Safety in the science

classroom is the #1 priority for students, teachers, and parents. To ensure a safe science classroom, a list

of rules has been developed and provided for you in this student safety contract. These rules must be

followed at all times. A copy must be signed by both you and a parent or guardian before you can

participate in the laboratory.

1. Conduct yourself in a **responsible** manner at all times in the laboratory.
2. **Follow** all written and verbal **instructions** carefully. If you do not understand a direction or part of a procedure, ask a teacher before proceeding.
3. When first entering a science room, **do not touch** any equipment, chemicals, or other materials in the laboratory area **until you are instructed** to do so.
4. **Do not eat food or drink** beverages in the laboratory. Do not use laboratory glassware as containers for food or beverages.
5. **Never fool around** in the laboratory. Horseplay, practical jokes, and pranks are not acceptable.
6. Know the locations and operating procedures of all **safety equipment** including the eyewash station, safety shower, and fire extinguisher. Know where the fire alarm and the exits are located.
7. Dispose of all chemical waste properly. **Never mix chemicals in sink drains**. Sinks are to be used only for water and those solutions designated by the teacher.
8. **Wash your hands** with soap and water after performing all experiments. Clean all work surfaces and equipment at the end of the experiment. Return all equipment clean and in working order to the proper storage area.
9. Any time **chemicals, heat, or glassware** are used, students will **wear laboratory goggles**. There will be no exceptions to this rule!
10. **Dress properly** during a laboratory activity. Long hair must be tied back and dangling jewelry and loose or baggy clothing must be secured.
11. **Report any accident** (spill, breakage, etc.) or injury (cut, burn, etc.) to the instructor immediately, no matter how trivial it may appear.
12. All chemicals in the laboratory are to be considered **dangerous**. Do not touch, taste, or smell any chemicals unless specifically instructed to do so.
13. Never handle **broken glass** with your bare hands. Use a brush and dustpan to clean up broken glass. Place broken or waste glassware in the designated glass disposal container.
14. Use extreme **caution** when using a burner. Take care that hair, clothing, and hands are a safe distance from the flame at all times. Do not put any substance into the flame unless specifically instructed to do so. Never reach over an exposed flame.

We are aware that these measures are in place to ensure the safety of all students. Any violation will

result in student removal from the laboratory.

**Signature Page**

**I have read and understand the classroom expectations and policies for the dual-enrollment Introduction to Optics Course.**

Printed STUDENT Name:

STUDENT Signature:

E-mail (optional):

**Household 1 Contact (Required)**

Printed PARENT/GUARDIAN Name(s): \_\_\_\_\_\_

PARENT/GUARDIAN Signature:

E-mail (or phone, if preferred):

**Household 2 Contact (if applicable/contact desired)**

Printed PARENT/GUARDIAN Name(s): \_\_\_\_\_\_

PARENT/GUARDIAN Signature:

E-mail (or phone, if preferred):

*Parents (and students!), please feel free to send me an e-mail introducing yourself and to contact me anytime!*

**E-mail is typically the easiest and fastest way to get in touch with me**; however, I am happy to reach out by phone should that be your preferred method of communication. **My contact information is at the bottom of the first page of this syllabus.** Please feel free to contact me at **any time** with any questions or concerns you might have.

Please **DETACH** this signature page and **turn it in to Ms. Virga before Friday, February 1, 2019**. Extra copies are available online if needed.

Keep the syllabus/lab safety contract page in your folder/at home for future reference!