
Terry Sanford High School

OCS Math I Syllabus



Dr. Zakiyyah Marcell

Classroom 27

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(910)484-1151 ext. 027

Course Description:

Students in OCS Math I (originally named Algebra I) will learn and complete mathematical task with face-to-face and North Carolina Virtual Public School (NCVPS) teachers simultaneously. Students will perform operations with rational numbers, algebraic expressions, and matrices to solve problems. They will create and apply linear functions and relations. They will create equations that describe numbers or relationships. They will graph, factor, and evaluate quadratic functions to solve problems. Students will be required to take the Math I End-of-Course test (EOC). They will understand:

- (Objectives 1.00-1.07, 1.09, 1.10) **Computation of numbers**
- (Objectives 1.08, 1.10, 4.01, 4.02) **Computation of Percents and related computation problems**
- (Objectives 5.01, 5.02, 5.03, 5.05, 5.06, 5.07) **Maps, Graphs and Charts**
- (Objectives 3.01-3.03, 5.04, 5.07, 5.08) **Time Concepts**
- (Objectives 3.04-3.06, and 3.08) **Measurement**
- (Objectives 2.01-2.0) **Paying Bills**
- (Objective 2.07-2.10) **Financial Management**
- (Objective 2.11-2.12) **Paying taxes**
- (Objective 4.03, 4.04, 4.08-4.12) **Independent Living**
- (Objectives 5.09-5.11) **Probability and Predictions**

Daily Expectations:

In addition to CCS and Terry Sanford High School rules, the following expectations should be met:

1. Students are to be in their seats when the bell rings with the notebook on their desks. Prior to class, students should have pencils sharpened and all materials ready and available so that instruction can begin promptly.
 2. Students are to immediately complete the daily warm up at the beginning of class as a review/introduction to the lesson.
 3. Students are to wait to be dismissed from class by the teacher. Before leaving, students must make sure the room is neat and orderly.
 4. Students should use the restroom during class change so as not to disrupt instruction.
 5. Students are expected to be working on an assignment at all times unless instruction is taking place.
 6. Students are expected to maintain appropriate behavior at ALL times.
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7. The class will be SILENT during intercom announcements and broadcast news.
8. Students are expected to do their own BEST work.

Positive Consequences:

For following class rules, students will receive verbal recognition, written recognition, a good conduct grade on the report card, and other incentives such as extra time on the computer.

Negative Consequences:

I will contact parents when students do not follow classroom rules. Effective management of student behavior must include teamwork between the student, parent and teacher.

Students who do not follow the class rules will receive a warning, conference with the teacher, receive a phone call home to parent, further disciplinary intervention such as detention, referral to the counselor, intervention team referral, conference with an administrator, level O (Within the OCS classroom as in-school-suspension) out of school suspension, or change of placement.

Grades:

Grades will be determined based on following system. Because reading and writing skills are so important for career preparation, these skills will be our emphasis. However, students will be assessed using projects, daily assignments, participation and tests.

Quizzes: 30%

Final Exam: 30%

Classwork/Participation: 20%

Grading Scale:

Letter grades will be determined based on the following scale:

A 90-100 B 80-89 C 70-79 D 60-69 F 0-59

Materials Needed:

Notebook Binder

Writing Utensils

Notebook paper

Tutoring:

Tutoring is available on Monday and Thursday – on request.

Make-up Work:

Please see me for make-up work if you are absent.

COMPLETE AND RETURN THIS PAGE ONLY! KEEP THE SYLLABUS!

Parent/Student Agreement:

By signing below, we acknowledge receipt of the syllabus. We have read it and understand the syllabus and class expectations for OCS Math I (originally Algebra I). We understand that if there are any questions or concerns, we can contact Dr. Zakiyyah Marcell at zakiyyahmarcell@ccs.k12.nc.us or at (910)484-1151 extension 027.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Contact Numbers: Home: _____ Cell: _____ Work: _____

Email address: _____

Financial Management: Syllabus

Teacher – Dr. Zakiyyah Marcell

zakiyyahmarcell@ccs.k12.nc.us

COURSE DESCRIPTION:

This course focuses on the application of skills needed for independent living. Emphasis is placed on financial -management and planning. Students will develop an understanding of state and federal income taxes, wage compensation, and the use of credit. The course will also introduce different types of insurance to meet personal needs while applying math skills to consumer spending.

COURSE NOTE: This course is designated for students in the Occupational Course of Study.

CREDIT: 1 **GRADE:** 11-12

Materials Needed

- Pens, pencils and highlighters
- Notebook with paper
- Classroom materials from all other academic classes

Classroom Procedures and Consequences/Order of Discipline:

1. Verbal warning
2. Teacher conference with student
3. Teacher call parents/guardians
4. Detention with the teacher (form must be provided to student)
5. Counselor/ disciplinary referral if necessary

- Be in your assigned seat when the bell rings, or you are tardy for that day.

- You will stay in your seat unless you have permission to do otherwise.

- Students will remain at their desks until dismissed by me, not the bell.

- come to school prepared.

AT THE DISCRETION OF THE TEACHER: Students may be allowed to work in groups, but there will also be individualized instruction when permitted.

I. Tardies

You are tardy if you are not in your seat and ready to begin work when the bell rings!

II. Cell Phones (and all other electronic devices)

Since you are allowed to have and use electronic devices outside of instructional time (break, lunch, before/after school, between classes), you are NOT allowed to use them during class. Therefore, collection of all cellular phones and electronic devices will be at the discretion of the instructor/teacher.

III. Grades

All of your assignments will be graded and work performed during school hours will be included in grade book on Friday of each week.

Math – Math skills will have a focus based on individual class schedules and individual education goals.

Organization - We will pay special attention to organization of materials and organization of time. Each student is required to maintain organization for all classes. This class will provide time and assistance in organization if and when needed and based on individual education goals.

Grading system:

90-100 A

80-89 B

70-79 C

60-69 D

0-59 Unacceptable

Final Exam Information

You WILL have a final exam for this class. Your final exam will count for 25% of your semester grade for this class. There will be no exam exemptions for any final exam. I will keep a portfolio of each student's work throughout the year. This portfolio (and its contents) will stay in the classroom unless the student is given permission to take it home temporarily.

Occupational Prep IV Syllabus

Dr. Zakiyyah Marcell

Phone: (910) 484-1151 ext 027

EMAIL: zakiyyahmarcell@ccs.k12.nc.us

COURSE DESCRIPTION:

This course gives the students the opportunity to synthesize all the skills acquired in previous Occupational Preparation courses and apply them to their personal career choice. This course allows students to solve work-related problems experienced in competitive employment, practice self-advocacy skills and master the theoretical and practical aspects of their career choice. Students finish completing the 360 hours of integrated competitive employment in a community setting required for successful completion of the Occupational Course of Study. Students also will develop a job placement portfolio that provides an educational and vocational record of their school experience.

Job assignments will be done weekly to ensure that students have a chance to experience jobs in different areas around school.

GRADUATION REQUIREMENTS:

To receive a NC Occupational Diploma, the following requirements must be met:

- ❖ 300 Hours School-based Job Training
- ❖ 240 Hours Community-based Job Training
- ❖ 360 Hours Competitive-based Job Training (Students can have a public job where they receive a paycheck – must bring in check stubs showing employment or documentation of volunteer services to receive credit for hours worked)
- ❖ Basic course requirements – 28 Units which include 4 Workforce Development Classes

TEACHER PHILOSOPHY:

I believe in you.

I will do all I can to help you.

I will help you do your best at everything we attempt in this class.

I EXPECT YOU to do your best and follow all school rules.

Have pride in yourself and in everything you do.

COURSE GOALS:

1. The learner will develop self-determination skills for participating in transition planning and making a successful adjustment to adult life.
2. The learner will actively participate in career development activities (e.g. awareness, exploration and planning) to determine a career goal.
3. The learner will develop the job-seeking skills necessary to secure employment in the chosen career pathway.
4. The learner will develop the work behaviors, habits, and skills in the area of personal management needed to obtain, maintain, and advance in chosen career pathway.
5. The learner will develop the work behaviors, habits, and skills in the area of job performance needed to obtain, maintain, and advance in chosen career pathway.
6. The learner will develop the interpersonal relationship skills needed for success in the workplace.

EXPECTATIONS:

- 1) Be prepared
- 2) Be in class daily **ON TIME**
- 3) No Cell Phones
- 4) Stay on task
- 5) Respect yourself and others
- 6) No profanity or vulgar language

- Students will lose a letter grade each time they are fired from their assigned job.
- Final Exam will be based on the Student/Worker Evaluation Form. If there is no evaluation due to termination, an F will be awarded for the Final Exam grade.

NINE-WEEKS GRADING CRITERIA:

Competitive/Community / School-based Work 50%
Job Placement Portfolio 50%

GRADING STANDARDS:

A (90-100) D (60-69)
B (80-89) F (0-59) (Unacceptable)
C (70-79)

JOB PLACEMENT PORTFOLIOS GUIDELINES

NAME: _____

All students are required to keep a notebook. This notebook needs to be a **3-RING BINDER**.

The notebook will be housed in the classroom and checked at least every 4 ½ weeks (2 times each 9-weeks). Each notebook check will count as **2 quiz grades**.

1) ELEVEN SECTIONS (50 POINTS)

Divide notebook into the following 11 sections:

- ❖ Tab 1 Personal Information Sheet
 - 1) Resume
 - 2) References
- ❖ Tab 2 Education Information Sheet
 - 1) Copy of High School Transcript
- ❖ Tab 3 High School Record Sheet (Summary of WFD/CTE Courses)
 - 1) Occupational Assessments Sheet
 - 2) Career Preparation Record (Career Exploration) Sheet Part 1 & 2
 1. 9th
 2. 10th
 3. 11th
 4. 12th
- ❖ Tab 4 High School Record (Extracurricular/Community Part) Sheet
- ❖ Tab 5 Career Preparation Sheet 300 hours (List On-Campus Job Training)
 - 1) Career Preparation Sheet
 - 2) On-Campus Time Sheets
 - 3) Photos
- ❖ Tab 6 Work Evaluations Summaries (On-Campus Training) Sheet
 - 1) On-Campus Job Training Evaluation
 - 2) Task Analysis
- ❖ Tab 7 Career Preparation Sheet 240 hours (list Off-Campus Job Training)
 - 1) Career Preparation Sheet
 - 2) On-Campus Time Sheets
 - 3) Photos
- ❖ Tab 8 Work Evaluations Summaries (Off-Campus Training) Sheet
 - 1) Off-Campus Job Training Evaluation
 - 2) Task Analysis
- ❖ Tab 9 Employment Information Sheet
- ❖ Tab 10 Career Preparation Sheet 360 hours (Competitive Employment) Sheet
 - 1) Copies of check stub as proof of hours completed
 - 2) Documentation of volunteer service hours
- ❖ Tab 11 Medical Information Sheet

2) ORGANIZATION OF OVERALL NOTEBOOK (30)

- ❖ Keep all entries in order of assignments
- ❖ Date everything
- ❖ Label work appropriately
- ❖ Should be overall neat

3) SPOT CHECK

These will randomly selected by the teacher. To ensure full point value, keep everything in your notebook as outlined above.

1 st Progress Report Check	1 st Report Card Check	Items	2 nd Progress Report Card	2 nd Report Card Check
		11 Sections (50)		
		Organization (30)		
		Spot Check (20)		
		Total (100)		

OCS BIOLOGY SYLLABUS

OCS Biology Course

Course Code: 9232BX0

Course Level: Academic Co-taught

Course Offering: Block/YL for 1 credit

TEACHER INFORMATION

<NCVPS teacher should update this section once course is assigned. Please delete this note before uploading the syllabus to your course.>

NCVPS Teacher Name:

Classroom Teacher Name:

NCVPS TEACHER AND STUDENT EXPECTATIONS

A Note from Your NCVPS Teacher

Welcome to class! I am looking forward to working with you! As your biggest fan and supporter in learning, I will ...

- o grade assignments with meaningful feedback that is very specific and directive within 24 hours of submission. Assignments, such as essays, discussion forums, honors assignments, and research papers, will require longer than 24 hours for grading.
- o respond to all Canvas messages within 24 hours. Responses are typically sent in less than 24 hours unless it's late at night or on a weekend. I want to work to get to know you better.
- o post announcements to introduce and/or review the learning for the day and celebrate you and your classmates! I will do this daily, so it is very important that you review the announcements.
- o provide individualized learning resources to help you learn the course material.

To learn more about what you can expect from me as your teacher, please read the NCVPS Accommodations and Accessibility Statements below.

NCVPS Accommodations Statement

Our goal at NCVPS is to make sure that we work with students in the ways that they learn best! For students with an IEP or 504, we have developed a process for ensuring that all learning needs are met. I will work with the student's school to devise a plan that provides all modifications and

meets the IEP/504 goals as detailed in each student's IEP/504 document. To review our process for supporting students with an IEP, read our [IEP/504 Guidelines](#).

NCVPS Accessibility Statement

The North Carolina Virtual Public School is continually striving to improve our courses for all students, ensuring the courses are accessible to everyone. If you have any questions, suggestions, or concerns regarding the accessibility of the course, please contact your teacher and we will work to resolve the issue.

If you have any questions about accommodations or accessibility, please contact me, your online teacher, first. We will work together, with your school, to best meet your learning path.

The Role and Responsibilities of an Online Student

Online learning is engaging, fun, and provides opportunities for creativity and collaboration. Just like students taking a class face to face, online learners must take responsibility of their learning. As an online student, you will ...

- o actively participate in the online course every day, Monday - Friday. Daily participation in the online course will ensure that you stay on pace. Students are welcome to work on the weekends, but it is not required.
- o check course announcements daily.
- o check messages in Canvas daily.
- o complete assignments as directed by your classroom teacher.
- o seek help from your online teacher when needed. Your teacher is here to help! Do not hesitate to reach out with questions. Communication is key to your success.

NCVPS Academic Integrity

The North Carolina Virtual Public School has an expectation that all work submitted by a NCVPS student is his/her own. Academic integrity of all students must be maintained, and NCVPS considers it to have a high degree of importance.

Academic Integrity determines that all assignments and exams submitted by a NCVPS student is his/her own and the student:

- Will not **plagiarize*** any material in written or verbal forms
- Will not share work with others, unless directed by your instructor, or copy the work of others and represent it as their own
- Will apply appropriate use of information literacy

*** To plagiarize is to copy or use the ideas and/or words of another and represent them as your own.**

The accuracy in which student work is submitted to NCVPS is of great importance and NCVPS reserves the right to use technology, such as SafeAssign to investigate plagiarism. The academic

integrity for all students must be maintained. To learn more about our student conduct and academic integrity policies, read the Academic Integrity portion of the NCVPS Student Code of Conduct document.

NOTE: Any student, who has plagiarized a work in any manner, will receive disciplinary action up to and including removal from the NCVPS course with a failing grade.

Acceptable Communication (Netiquette)

The term netiquette is used to describe and define a set of guidelines for acceptable online interaction and communication. To learn more about our netiquette guidelines, read the Acceptable Communication (Netiquette) portion of the NCVPS Student Code of Conduct document.

NCVPS Privacy Policy

The North Carolina Virtual Public School will abide by the student privacy guidelines set forth by the Family Educational Rights and Privacy Act (FERPA). The following persons have access to student records:

- NC State Board of Education (SBE) members
- NCVPS Executive Director, administrative team, and professional staff of NCVPS (teachers, guidance counselor, and student support services staff)
- Appropriate administrative support staff members and other professionals who have a legitimate educational or legal interest in student records as designated by the NCVPS Executive Director.
- Lab facilitators assigned by LEA who use school labs to access NCVPS courses

North Carolina Virtual Public School provides an academic transcript to the student's primary school of record upon completion of the online course(s), or upon any request of the primary school and/or student's legal guardian.

In accordance with state and federal privacy laws, students who attain the age of 18 may transfer certain rights related to their academic records. Some LEA schools may assign a lab facilitator to help students who use school labs to access NCVPS courses. Facilitators will have access to students' online work from their school.

No member of the NCVPS staff is authorized to release student information without the written permission of the student's legal guardian or without approval of the NCVPS Executive Director. Names, images, and/or course work of NCVPS students will not be published in print, video/film, or via the Web without written student and guardian consent. The privacy of all NCVPS students is protected through a unique password to access online courses. It is the student's responsibility to keep his/her password in confidence.

All the data provided to us is protected to ensure both the privacy and security of the data. We use state-of-the art technology to keep personal information as secure as possible to ensure that no one will be able to tamper with, intercept or access data. Remember to keep account information and password private and secure.

NCVPS Content Rights

NCVPS policy is that all courses are compliant with applicable NCVPS policies and/or guidelines, including, ADA/Section 504/IEP Compliance, intellectual property, and provisions of US Copyright Law and the Technology, Education, and Copyright Harmonization Act (TEACH Act.)

Acceptable Use Policy

An Acceptable Use Policy (AUP) is an agreement between students and their schools that outlines the rules governing the use of technology and Internet resources. To learn more about our acceptable use policy, read the [Acceptable Use Policy](#) portion of the [NCVPS Student Code of Conduct](#) document.

COURSE STANDARDS AND OVERVIEW

Course Standards

NCVPS courses follow the standards set by the state of North Carolina. To view the standards for OCS Biology read <https://ec.ncpublicschools.gov/disability-resources/intellectual-disabilities/ocs/new-standards/ocs-biology.pdf>. These standards were created by the North Carolina Department of Instruction.

Course Overview

This course is intended for Occupational Course of Study (OCS) students to develop an understanding of biological processes and discover how life science is an integral part of other sciences and society. Students will have opportunities to engage in hands-on, as well as minds-on activities that are aligned with the North Carolina Essential Standards. They will gain an understanding of the cell, molecular basis of heredity, and biological evolution. They will investigate the interdependence of organisms as well as acquire an understanding of the matter, energy and organization in living systems. Technology skills will be reinforced through the entire course. Pre-Assessments will be used as diagnostic tools, while lessons delve into the content, and Post-Assessments measure mastery. This course is designed to be implemented in a blended learning environment with collaborative instruction delivered by an online highly-qualified Biology teacher as well as a face-to-face OCS teacher. This collaboration will ensure that activities are differentiated to meet the diverse learning needs of students in this course.

Final Exam

Students taking the OCS Biology Courses will take the End of Course (EOC) for Biology which is issued by the state. Please speak with your testing coordinator for specifics for your school.

Course Prerequisite

There are no course prerequisites for OCS Blended Biology

Course Outline

Module 1: Nonliving vs. Living

Lesson 1: Characteristics of Life and Nonliving vs. Living

Module 2: Ecology

Lesson 1: Food Chains

Lesson 2: Food Webs

Lesson 3: Symbiosis (types of relationships)

Module 3: Cells

Lesson 1: Plants vs. Animals

Lesson 2: Cell Organelles

Module 4: Cell Transport

Lesson 1: Passive Transport

Lesson 2: Active Transport

Module 5: Organic Molecules

Lesson 1: Carbs, Proteins, Lipids, Nucleic Acids

Lesson 2: Enzymes

Module 6: Photosynthesis and Cell Respiration

Lesson 1: Photosynthesis

Lesson 2: Cell Respiration

Module 7: DNA

Lesson 1: DNA Structure

Lesson 2: DNA Replication

Module 8: Protein Synthesis

Lesson 1: RNA

Lesson 2: Transcription

Lesson 3: Translation

Module 9: Cell Division

Lesson 1: Mitosis

Lesson 2: Meiosis

Module 10: Genetics

Lesson 1: Vocabulary

Lesson 2: Punnett Squares

Lesson 3: Punnett Squares (part 2)

Module 11: Biotechnology

- Lesson 1: Recombinant DNA
- Lesson 2: DNA Fingerprinting
- Lesson 3: Cloning

Module 12: Classification

- Lesson 1: Classification

Module 13: Change Over Time

- Lesson 1: Natural Selection
- Lesson 2: Evolution

Module 14: Adaptation

- Lesson 1: Adaptations
- Lesson 2: Behaviors

Module 15 : Humans and the Environment

- Lesson 1: Cycles
- Lesson 2: Human Impact

Grading Information

Students will complete activities online and in the classroom. Grades will be based on the face-to-face school's grading scale and the classroom teacher's gradebook.

Communication Policy

All communication should occur in the *Messages* system in Canvas. This function works just like e-mail. Messages received from students on Monday through Thursday will be answered within 24 hours. Messages sent on Friday through the weekend will be answered by Monday.

Course Specific Information

Throughout this course, you will be asked to complete Gizmo activities. These are wonderful, interactive learning tools that will allow you to practice the concepts you are learning and get real time feedback. When you click the link for your Gizmo, you will be taken to the main site for the Gizmo company: www.explorelearning.com (Links to an external site.)Links to an external site.

Each Gizmo activity found in your units will give the directions you need to find the correct Gizmo, but you will need to log in first. You will find the login at the top left of the main Gizmo screen. Click on the login button, and then enter the id and password below. Then you will follow the directions on each assignment for finding the correct Gizmo to complete. Always ask your teacher if you have questions!

Username and Passwords will be given to you by your NCVPS Biology teachers.

NCVPS AND COURSE REQUIREMENTS

Technology Requirements and Expectations

To review our technology requirements and expectations, read the [NCVPS Technical Requirements](#).