



Northern Guilford High School

2024-25 Discrete Math for Computer Science

Classroom Policies & Syllabus

1) **Contact Information:** Russ Dorrell, 643-8449 voicemail #489674 / dorrelr@gcsnc.com

2) **Course Description:** The purpose of this course is to introduce discrete structures that are the backbone of computer science. Discrete mathematics is the study of mathematical structures that are countable or otherwise distinct and separable. The mathematics of modern computer science is built almost entirely on discrete mathematics, such as logic, combinatorics, proof, and graph theory. At most universities, an undergraduate-level course in discrete mathematics is required for students who plan to pursue careers as computer programmers, software engineers, data scientists, security analysts and financial analysts. Students will be prepared for college level algebra, statistics, and discrete mathematics courses.

3) **Expectations/Consequences:**

Academic:

Students will complete work independently, and show all work, unless specified otherwise.

Students will be prepared for class with notebook, assignments, and pencils.

Students will be active participants in class and group assignments.

Students that are absent from class have 3 days to make up test

Behavioral:

Students will be on time, in seat working when tardy bell rings.

Students will be respectful to everyone.

Students will be expected to follow Conduct rules as designated by Student Handbook.

Consequences:

1st Offense – Warning – verbal or non-verbal

2nd Offense – Teacher-student conference

3rd Offense – Parent contact ASD

4th Offense – Office referral

4) **Grades:** Grades will be available online through Power School. Parents and students will be able to monitor progress in class.

Test: 50 %

Quizzes/Projects: 30 %

Homework/Classwork: 20 %

FINAL EXAM/PROJECT 20% of Final Grade

EACH QUARTER is 20% of Final Grade

Grading Scale:

Superior	A	≥ 90
Above Average	B	80 - 89
Average	C	70 - 79
Below Average	D	60 - 69
Failure	F	≤ 59
Incomplete	INC	

For Assignments checked for completion

+	100
√	80
—	60
0	0

5) **Extra Help Times:** Times arranged by appointment, but I am generally in my room before school. Extra help sessions will be weekly Wednesday and Friday 8:15 - 9:05 am. **Teacher may also require student to attend for makeup or late work.

6) **Textbooks:** There are no textbooks for this course, but material will be posted on Canvas course and linked for review.

7) **Special Projects/Papers:** Course projects/papers will be assigned throughout the year and will be graded using rubrics.

8) **Retest Policy: No retest allowed.**

9) **Test Days Established by School:** Test days for math department are Wednesday and Friday. Test will be announced at least a week in advance.

10) **Benchmark Tests:** There are no benchmark tests required for this course.

11) **Make-up Work:** Students are expected to make up work assigned during the absence(s) within three school days of the student's return to school. After 3 school days, if not turned in, it becomes late work. The ultimate responsibility for make-up work lies with the student. Missed in-class quizzes and classwork, cannot be made up, the grade is exempted. All homework and assignments will be posted on my school web site and available in the makeup folders in my room. Work not turned in or is left incomplete will count as a zero.

12) **Course Objectives/Pacing Guide:** Located at <https://www.dpi.nc.gov/documents/files/2019-ncscos-discrete-math>

13) **Tardy Policy:** Being late to class, will not be tolerated. You are tardy if you are not in class at the bell, note or not. The note gets you in the door. Consequences follow the school policy.

14) **Bathroom/Hall pass Policy:** Students are expected to use the restroom during class changes between periods – except in an emergency. During class time, one at a time, sign out to use hall pass.

15) **Homework Policy:** Students must attempt ALL problems assigned.

16) **Extra Credit:** Students **will not** be provided extra credit to enhance his/her grade but should take advantage of extra help or tutoring opportunities.

17) **Late Work:** Students may turn in completed homework assignments up to seven calendar days after the due date with a 15-point penalty. After seven calendar days, the work will be accepted, but may not receive a grade. Feedback will be provided as soon as possible. Make-up work, for absences, is not considered late work and should be completed within 3 days or as arranged by student. Make-up work is the student's responsibility.

18) **Flex Period:** Extra help for this course is offered weekly during Flex period. Any student with a grade of D or F in the course must attend this course's extra help opportunities. **Teacher may also require student to attend for makeup or late work..