Math 122: Functions and Models in College Algebra

Spring 2022, Section _____

Instructor:_____

Email Address: _____

Office Hours:

Lecture:

Course Description: 4 hours; 4 credits; Understanding the notion of a function, representations of functions, behavior of functions; mathematical models, linear function and modeling using them, linear regression, systems of linear equations; exponential growth/decay models; fitting exponential to data using Excel; logarithmic and power function; shifting and scaling graphs of functions; use of graphing calculators to solve equations with "zoom and trace". Prerequisite: MTH 30 or Co-requisite: MTH 35 or an appropriate score on the CUNY Math Proficiency/Placement Exam or permission of the Department of Mathematics.

Text: S P. Gordon and F.S. Gordon, Functions, Data, Models, MAA, ISBN: 978-0-88385-767-0 Students should purchase the electronic version of the textbook with Web assign access, not the hard copy book.

Grading Policy:

• 10 % WebAssign homework

• 60 % Three Exams

• 30% Final Exam

Homework: All homework will be posted on WebAssign. Homework assignments must be submitted through WebAssign by the listed due date.

No late submissions will be accepted under any circumstances, and no extensions will be granted.

Our WebAssign class key is: csi.cuny _____

Three Exams: There will be three exams. Dates for the exams will be announced at least one week in advance. There will be no make-up exams under any circumstances. If you miss an exam for a valid, well-documented reason, an arrangement should be made with your professor.

Final Exam: There will be a departmental, comprehensive final exam at the end of the semester. The final exam cannot be rescheduled. Missing the final exam will result in an F or WU grade for this class.
Extra Credit: There will be no opportunities for extra credit in this class.

Attendance: Attendance will be recorded at the beginning of each lecture. Lateness and early departure will not be tolerated, and each late arrival or early departure will count as half an absence. Four or more unauthorized absences will result in a WU grade. In general, the only acceptable excuses for missing class (including exams) are: serious illness, family/personal emergency, or religious observance. Appropriate documentation must be presented the day that you return to class, or else it will not be accepted.

Academic Integrity: Students are expected to uphold the CUNY Policy on Academic Integrity. Cheating on exams will not be tolerated, and will result, at minimum, in a grade of F for this course. Student

Accessibility: Qualified students with disabilities will be provided reasonable academic accommodations if determined eligible by the Center for Student Accessibility. Prior to granting disability accommodations in this course, the instructor must receive written verification of student's eligibility from the Center for Student Accessibility, which is located in 1P-101. It is the student's responsibility to initiate contact with the Center for Student Accessibility staff and to follow the established procedures for having the accommodation notice sent to the instructor.