



MTH 1603: Applied Calculus and Statistics

Classroom TBA

Time TBA

Instructor: TBA (TBA@fit.edu)

Lab: Crawford 111/300

The information below is subject to change. (No changes reducing grades will occur.)

Course Description: (3 credits). Includes derivatives and integrals, and their applications, and probability and statistics, and their applications. Credit cannot be applied toward any Florida Tech degree that requires MTH 1001. Prerequisites: MTH 1000 (Precalculus).

Attendance: Attendance to the lecture plus **3 lab hours per week** in Crawford 111 or Crawford 300 is **mandatory**. You may miss up to 2 lectures without penalty. You must log in and out of labs with your student ID card or ID number. Any attempt to fraudulently fulfill the required hours will result in a 0 attendance grade for the semester.

You can check your time at <https://apps.fit.edu/swiper-clab/report.php>.

Lab/Office Hours: The labs will be available during the following hours.*

	Mon	Tue	Wed	Thu	Fri
Crawford 111:	9-7	9-7	9-7	9-7	9-5
Crawford 300:	9-5	9-5	9-5	9-5	9-5

Lab Activities: Students may work on assignments and seek help from the instructor, but must be spending time doing math. Voluntary problem solving sessions with the instructor or lab assistants will take place each week (attendance will gain a 5% bonus on the weekly quiz/test).

Required Courseware: There are two required courseware packages. We will begin with probability and statistics and then cover topics in calculus.

1. Hawkes Learning Systems. *Discovering Statistics and Data*. Course ID: FITDIS3C
2. Hawkes Learning Systems. *Essential Calculus*. Course ID: FITESC, MTH 1603

The software is available for purchase and download at www.hawkeslearning.com

Academic Honesty: Any form of academic dishonesty will result in at minimum a zero on the assignment, but may result in a 10% class grade penalty up to a failing grade in the class. For the complete text of Florida Tech's policy on academic dishonesty, cheating, and plagiarism, please see <https://libguides.lib.fit.edu/plagiarism>

Grading: There will be no curve, but extra credit will be available throughout the semester.

Percentage	Grade	Category	Percentage of Grade
90%-100%	A	Attendance	5%
80%-89%	B	Online Homework	20%
70%-79%	C	Projects	10%
60%-69%	D	Quizzes	20%
0%-59%	F	Tests	25%
		Final Exam	20%

Each grading category will be made up of 50% calculus and 50% statistics material. There will be a final exam for statistics midway through the semester and a final exam for calculus at the end.

Course Policies:

- **Attendance** will be calculated weekly with 1 point for each class and required lab hour.
- **Homework and Projects**
 - Homework on Hawkes should be completed on **Certify** mode by the specified deadlines. Late homework will be subject to late penalties.
 - Non-Hawkes projects will also be assigned in class and may not be done late.
- **Tests and Quizzes**
 - Quizzes are on Hawkes and **must be completed in the lab** by the specified deadlines. Tests and the Final Exam will be taken on paper in class.
 - A **non-graphing** calculator (or the Windows calculator) may be used, but no phones. Turn in your phone and ID to the lab supervisor during quizzes.
 - Incomplete quizzes or tests will result in a grade of 0% unless a late quiz/test is approved by the instructor **prior to** the deadline or if it is an official university excused absence.
- **ADA Policy:** Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office for Disability Services at (321) 674-8285 to coordinate reasonable accommodations for documented disabilities.
- **Title IX Policy:** Title IX of the Educational Amendments Act of 1972 is the federal law prohibiting discrimination based on sex under any education program and/or activity operated by an institution receiving and/or benefiting from federal financial assistance. Behaviors that can be considered “sexual discrimination” include sexual assault, sexual harassment, stalking, relationship abuse (dating violence and domestic violence), sexual misconduct, and gender discrimination. You are encouraged to report these behaviors.

Reporting: Florida Tech can better support students in trouble if we know about what is happening. Reporting also helps us to identify patterns that might arise – for example, if more than one complainant reports having been assaulted or harassed by the same individual. Florida Tech is committed to providing a safe and positive learning experience. To report a violation of sexual misconduct or gender discrimination, please contact Linda Jancheson, Title IX Coordinator at 321-674-7277 or ljancheson@fit.edu.

*** Please note that as your professor, I am required to report any incidents to the Title IX Coordinator.** Confidential support for students is available by contacting the Student Counseling Center at 321-674-8050.