COURSE: Math 1B-18Z Calculus
CRN: 13669
DAY: MTWT 5:45p-7:45p
Email: isonmillia@fhda.edu

QUARTER: Summer 2026
INSTRUCTOR: Millia Ison
OFFICE PHONE: 864-5659
OFFICE NUMBER: S76E

OFFICE HOUR: By appointment. Zoom Link: https://fhda-edu.zoom.us/j/95244405559

COURSE PREREQUISITES: Math 1A, or equivalent course with a grade "C" or better.
TEXT: Calculus: Early Transcendentals, by James Stewart, 9th edition.

ENROLL WEB ASSIGN: Log into your Canvas account, In Module, Click WebAssign Sign in to continue the registration process. Your Cengage course materials will open in a new tab or window, so be sure pop-ups are enabled. Homework, quizzes, and exams are on Web Assign.
EQUIPMENT: A graphic calculator or a computer with graph capability is required.
GRADING:

Homework -170 points, 34%	A: ≥ 93% , 465 - 500 pts	C+: 76% - 79 % , 380 - 399 pts
Quizzes - 90 points, 18%	A– : 90% - 92 %, 450 - 464 pts	C: 70 % - 75 %, 350 - 379 pts
2 midterms -120 points, 24%	B+: 87% - 89 %, 435 - 449 pts	D: 60 % - 69 %, 300 - 349 pts
Final exam -120 points, 24%	B: 83% - 86 %, 415 - 434 pts	F: 0 % - 59 %, 0 - 299 pts
Total ---------500 points	B–: 80% - 82 %, 400 - 414 pts	

HOMEWORK POINTS: You need to do your homework regularly. However, all homework is due Wednesday, August 5, 11:59 pm. No Extension under any circumstances. A total point on WebAssign is 692 (subject to change). Out of which, 677 points are required (subject to change). If you have 677, you earn 160 points (full credit) toward your grade. If you have total of 690, then 690/677 ≈ 1.0192, which is 101.92%, 101.92% × 160 ≈163 which is 3 points extra credit. The total amount of possible extra credit will be decided after the final exam.

QUIZ POINTS: 5 points each. The last 30 minutes of each zoom meeting is a quiz except on exam days. NO EXTENSION under any circumstance. There are 20 quizzes in this session. 2 lowest scores will be dropped.

EXAM POINTS: 60 points each. 7/14, and 7/29, 6:30 – 8:00 pm. Dates are also listed on the calendar on the next page. No make-up midterm exams. 0 points for missed exam. For unusual circumstances, you must contact me before or on the exam day. The percentage of your final exam score multiplied by 60 will replace the missed exam score.

FINAL EXAM: 120 points. August 6, 6:30 pm – 8:30 pm. Fail **to take the final exam, you will receive "F" for your grade.**

Exams and quizzes are to test your understanding of the classroom discussions and homework assignments. **Cheating on quizzes, midterm exams, or final exam will be grounds for disciplinary action.**

IMPORTANT DATES: Monday, July 6 --- Last day to drop without grade on your record.
Thursday, July 30 --- Last day to drop with a "W".
The student is responsible for withdrawing from the class. The last day for you to withdraw is July 30. After that day, you will receive a grade.

Math 1B-18Z Summer 2026 Calendar Online 5:30-7:45p

Chapter	Topic
5.1	Areas and Distances
5.2	The Definite Integral
5.3	The Fundamental Theorem of Calculus
5.4	Indefinite Integrals and the Net Change Theorem
5.5	The Substitution Rule
6.1	Areas Between Curves
6.2	Volume
6.3	Volume by Cylindrical Shells
6.4	Work
6.5	Average Value of a Function
7.1	Integration by Parts
7.2	Trigonometric Integrals
7.3	Trigonometric Substitution
7.4	Integration of Rat'l Funct'ns by Partial Fractions
7.5	Strategy for Integration
7.7	Approximate Integration
7.8	Improper Integrals
8.1	Are Length
10.2	Arc length and Area of Parametric Equations/
8.2	Area of a Surface of Revolution
8.3	Applications to Physics and Engineering
8.5	Probability
9.1	Modeling with Differential Equations
9.2	Direction Fields and Euler's Method
9.3	Separable Equations

	Monday	Tuesday	Wednesday	Thursday
June	29	30	1	2
July	5.1, 5.2	5.2, 5.3	5.3, 5.4	5.4, 5.5
Wk1	Quiz 5.2	Quiz 5.3	Quiz 5.4	Quiz 5.5
July	6	7	8	9
	6.1	6.1, 6.2	6.2, 6.3	6.4
Wk2	Quiz 6.1	Quiz 6.2	Quiz 6.3	Quiz 6.4
July	13	14	15	16
	6.5, 7.1	Exam 1: 5.1 – 6.5	7.2	7.3
Wk3	Quiz 7.1	6:30 p – 8:00 p	Quiz 7.2	Quiz 7.3
July	20	21	22	23
	7.4	7.5, 7.7	7.7, 7.8	8.1, 10.2
Wk4	Quiz 7.4	Quiz 7.5, 7.7	Quiz 7.8	Quiz 8.1,10.2
July	27	28	29	30
	8.2	8.3	Exam 2: 7.1 – 8.3	8.5, 9.1
Wk5	Quiz 8.2	Quiz 8.3	6:30 p – 8:00 p	Quiz 8.5
Aug	3	4	5	6
	9.2, 9.3	9.3	Homework	**Final: 5.1 – 9.3**
Wk6	Quiz 9.1, 9.2	Quiz 9.3	Due 11:59p	6:30p – 8:30p

Student Learning Outcome(s):

• Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
• Formulate and use the Fundamental Theorem of Calculus.
• Apply the definite integral in solving problems in analytical geometry and the sciences.

Office Hours: