

Course syllabus

ATLANTA METROPOLITAN STATE COLLEGE

School of Arts and Sciences

MATH 1113 CRN: 80221 (Section 101)

Fall 2025, On Campus Course

This is a Core IMPACTS course that is part of the Mathematics & Quantitative Skills (Mathematics).

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content and will support students'™ broad academic and career goals.

******Please download this document as it may not display accurately in the web browser.***

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	Instructor Information	Name: Professor Desai
	Office location:	Building 100, Room 155
	Office telephone:	(404)756-4781
	Email Address	<u>sdesai@atlm.edu</u>; Please communicate with me via D2L email to protect

	Office Hours:	Tuesday, Thursday: 9 to 9:55am Monday, Wednesday: 11:45 to 1:30pm Others by an appointment
	<ul style="list-style-type: none"> In Person: 	Yes
	<ul style="list-style-type: none"> Online 	No
	<ul style="list-style-type: none"> By Appointment 	Office hour disclaimer: If you are not able to meet with the instructor during you may schedule an appointment based on instructor's availability.
	Course Information	Math 1113; Precalculus
	Pre-requisites	A grade of C or better in College Algebra(Math 1111) or satisfactory performance on exemption examination or permission of the instructor
	Credit Hours	3
	Catalog Description	This course is designed to prepare students for calculus, physics, and related technical Topics include an intensive study of algebraic and transcendental functions accompanied analytic geometry. Prerequisite: A grade of "C" or better in College Algebra (Math 1111) or satisfactory performance on a mathematics exemption examination or permission of the instructor
	Orienting Questions	How do I measure the world?
	Course Start and End Date	August 18, December 6
	Career-Ready Competencies	Information Literacy Inquiry and Analysis Problem-Solving

	Course Textbook	<p><i>Open Educational Textbook: Algebra and Trigonometry by Jay Abrams</i></p> <p>Access: URL: https://openstax.org/details/books/algebra-and-trigonometry</p>
	Required Resources	<p>Scientific Calculator and Knewton Alta Course Management Access code for course assignments.</p> <p>This course is using Knewton Alta course management system. Students will receive their access code from the Textbook Day 1 Readiness. All the homework, quizzes, and tests will be facilitated through Knewton Alta.</p>
	Recommended Resources	Paper, Pen, Scientific Calculator or Graphing Calculator
	Core Impact Learning Outcomes	Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using verbal, numerical, graphical, or symbolic representations.
	Program Learning objectives	Not Applicable
	Course Learning Objectives	<p>Simplify Rational and Radical Expressions. Find the value of Piecewise function. Determine the domain and range of a composite function. Find inverse of a function. Evaluate and write exponential functions. Solve applications of exponential functions. Solve Exponential and Logarithmic functions. Find the value of logarithm. Convert angle from radian to degrees and vice versa. Find the arc length and area of a sector. Find the values of all six trigonometric functions using reference angles, unit circle and a calculator. Find the amplitude, period, phase shift and draw the trigonometric functions. Find the values of the inverse trigonometric functions. Simplify trigonometric expressions using trigonometric identities. Find the sum and subtractions of sine and cosine. Find the value using half angle, double angle identities. Solve the right triangle and its applications. Solve the oblique triangle using law of sine and law of cosine. Find the area of an oblique triangle.</p>

	Important Dates	Holidays	Attendance Verification (No Show Date)	Last Day to Reinstate	Midterm	Last Date to Withdraw Without Penalty	Last Day of Class
		9/1, 11/27, 11/28	8/26	9/2	10/4 to 10/9	10/20	12/
	Course Delivery Method	On Campus					
	Email Preference	<i>Please communicate with me via D2L email only to protect your privacy.</i>					
	Online Courses	<i>Please communicate with me via D2L email only to protect your privacy.</i>					
	On Campus Courses	Please use ATLM Ginger Email for Emergency Only. Use Bright Space D2L for the course communications.					
	Email Response Time	Unless you are notified otherwise, I will strive to respond to all student quest within 24 hours during the week and within 48 hours during the weekend.					

	Attendance:	Attendance is required at Atlanta Metropolitan State College. Students may view the record by going to the Brightspace course page and clicking on "Attendance" or "Assessments" menu at the top. It is the responsibility of each student to ensure recorded attendance is accurate. Any errors need to be brought to the attention of the instructor as soon as they are discovered.
	Online Attendance and Participation Policy	Being "Present" in class is determined by the student's active attendance in an "academically related activity" which includes actual presence in a virtual classroom, submission of an assignment, group projects, completion of an exam or quiz and discussion posting.
	Conduct:	Refer to AMSC College Catalog, page 54
	Late Policy:	For Assignments:20% Quizzes 20%: Tests 20%
	Enrollment Status:	Students are ultimately responsible for ensuring that the course(s) in which they enroll are in the approved degree plan and program map for their program of study. Students must check their enrollment status in this course during the semester. The student is responsible for determining changes, if any, in enrollment status and taking necessary steps (e.g., petition for reinstatement in this course) following those outlined in the AMSC catalog.

	Attendance Verification (No Show)/Reinstatement	<p>Atlanta Metropolitan State College has a "No-Show" Reporting (Attendance policy. This policy is to comply with Federal Financial Aid regulations. Financial recipients at Atlanta Metropolitan State College may become ineligible for future aid if they do not attend a class session (per enrolled course). Students who do not complete Minimum Attendance Assignments and attend class sessions are NOT entitled to keep their financial aid award. The Registrar's Office will notify the students and faculty when the Attendance Verification Period has opened. The established "No-Show" Reporting (Attendance Verification) procedure will enable Atlanta Metropolitan State College to adjust financial aid awards before funds are issued to students (thereby eliminating liability for the College and the student). A student reported as non-attending a course must seek the approval of the instructor in order to be reinstated. Once approved, the student must complete the Reinstatement form and submit it. The Office of Registrar will process the form when course reinstatement process has been completed during Reinstatement Period.</p> <p>The student can demonstrate compelling reason (s) that have prevented attendance and the instructor believes that there is a strong probability that the student can catch up to the course OR The instructor made an error, and the student was in attendance prior to being dropped from the course.</p>
	Computer Hardware & Software Requirements:	<p>One of the challenges many encounter with enrolling in and completing an online course is the accessibility to the required and recommended software and hardware. Different institutions, even different courses within the same institution, have varying technology requirements. It is the student's responsibility to determine your hardware and software systems to determine its compatibility with the online course selected.</p>

<p>Minimum Hardware Recommendations to take courses:</p>	<p>D2L System Requirement</p> <p>Internet Connection:</p> <ul style="list-style-type: none">• Ethernet Network Capability required• Wireless Network Capability required <p>Operating System Requirements</p> <ul style="list-style-type: none">• PC:<ul style="list-style-type: none">• Compatible Operating System:• Web Browser: Firefox, Chrome• Mac:<ul style="list-style-type: none">• Compatible Operating System:• Web Browser: Firefox, Chrome, Safari <p>Hardware requirements:</p> <p>Minimum Technical Specifications for Hardware:</p> <ul style="list-style-type: none">• A processor of 2GHz or faster• 4GB RAM or greater• 500 GB of Hard Drive space• Monitor and video card with a minimum resolution of 1024x768• Keyboard and mouse <p>Minimum Technical Specifications for Computer Peripherals:</p> <ul style="list-style-type: none">• Speakers• Headphones• Microphone• Webcam <p>Software requirements:</p> <p>Browser Requirements/Supported Browsers</p> <p>Compatible Browsers:</p> <ul style="list-style-type: none">• Apple Safari - https://support.apple.com/downloads/safari (Mac)• Google Chrome - https://www.google.com/chrome/ (Mac or PC)• Mozilla Firefox - https://www.mozilla.org/en-US/firefox/new/ (Mac or PC) <p>Application Software</p> <ul style="list-style-type: none">• Microsoft Office 2016 (Word, Excel, PowerPoint) (Mac or PC)• Adobe Reader - https://get.adobe.com/reader/ <p>Plug-ins</p> <ul style="list-style-type: none">• Java - https://www.java.com/en/download/• Adobe Flash Player - https://get.adobe.com/flashplayer/• Windows Media Player - https://www.microsoft.com/en-us/download/details.aspx?id=20426• Apple QuickTime - https://support.apple.com/downloads/%2523quicktime• Microsoft Silverlight - https://www.microsoft.com/getsilverlight/Get-Started/Install/Default <p><u>Accessibility:</u> Wi-Fi is also available for use in the campus parking lots.</p>
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	Tutoring Services	<p>Students improve their self-confidence and increase their chances of excelling in the college as they utilize their college/university academic support services. The following tutoring services are available to AMSC students:</p> <ul style="list-style-type: none"> â– The AMSC Writing Center is open year-round to support students, staff, and faculty. It offers virtual and in-person tutoring for various writing projects, assists at any stage of the writing process, and increases improvement in structure, use of sources, style, grammar, and mechanics. The Writing Center is located in Building 100, Room 211. Students can walk in during hours of operation or schedule an appointment at https://calendly.com/amscwritingcenter/30min â– Tutor.com is a virtual space for students to access writing tutors outside of AMSC. Access tutor.com in Brightspace by logging into your course. Next, click the "Free Tutoring" tab and choose Tutor.com from the dropdown options. Students are granted five (5) sessions per semester, and registration is not required. Contact the Center for Student Success at (404) 756-5690 for assistance. â– TutorOcean is a tutorial for students enrolled in STEM courses such as Biology, Chemistry, Mathematics, and Computer Science. Access TutorOcean and sign up at https://atlm.com/tutorocean.
	Americans with Disabilities Act (ADA) Statement	<p>Atlanta Metropolitan College is committed to providing support for all students and ensuring that the college experience is an enriching opportunity. In compliance with Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The Department/Office of Student Services and Accessibility Services, located in the Student Services & Success Center, building 252, oversees the coordination of services for students with documented disabilities. The Coordinator of Disability Services collaborates with faculty and staff to offer provisions for reasonable accommodation to students who meet the requirements.</p> <p>It is the policy and practice of AMSC to make all Web information accessible to students with disabilities. If you, as a student with a disability, have difficulty accessing any print or electronic materials for this class, please notify the instructor immediately.</p> <p>Accommodation cannot be provided until a reasonable accommodation plan is developed. To the greatest extent possible, all college representatives shall observe confidentiality.</p>

	Office of Counseling and Accessibility Services	<p>The Office of Counseling and Accessibility Services operates under the Americans with Disabilities Act (ADA) laws in order to assist in leveling the playing field for students who have disabilities, as opposed to those who do not.</p> <p>The amended ADA, otherwise known as ADAAA defines "disability" as a physical or mental impairment that substantially limits one or more major life activities. If you believe you have a disability or impairment that may limit your academic functioning, please contact Dorothy Williams, the Director of Counseling and Accessibility Services at 404-756-2222 or https://www.atlm.edu/students/counseling-and-disability-services.aspx.</p> <p>The Coordinator of Counseling and Accessibility Services reviews all accommodation requests in order to receive accommodation, the student's illness or disability must be verified by a physician, psychiatrist, or some other health care provider or specialist. Students who request access disability support services should contact the Coordinator as soon as possible to AMSC. Please be aware that late notifications may result in complications for receiving accommodation in a timely fashion.</p>
	Withdrawal	<p>Withdrawal from a course is solely the responsibility of the student. Instructors do not initiate student withdrawals. A student who wishes to withdraw from a course MUST submit a Withdrawal Form (Schedule Reductions Form) to the Registrar's Office before the withdrawal deadline to receive a grade of "WF" for the course.</p> <p>A student who withdraws after the Midterm date receives a "WF" unless the Vice President of Academic Affairs determines that it is a hardship case, then a "W" will be recorded. The possibility that a student may fail the course will not be considered a hardship.</p>
	Incomplete Grade Policy	<p>An incomplete may be awarded at the instructor's discretion for non-academic reasons that prevent the student from completing the course requirements. The student must be passing the course at the time that the Incomplete is awarded and must sign an "Awarding of Incomplete" agreement. If not otherwise stated, the incomplete should be removed by the end of the following semester. If not removed, the instructor will change the grade to an "F" grade.</p>
	Time Commitment	<p>To successfully complete this course it requires discipline, devoted time and commitment. Students must arrange his / her schedule to allow for the required time for this course. Expect a minimum of seven (7) to ten (10) hours per week to thoroughly read each chapter and complete the required chapter assignments. Additional time most likely will be required to complete exams.</p>

	<p>Student Expectations</p>	<p>Students are expected to be fully invested and engaged in their learning. The following are included to facilitate your course success.</p> <ul style="list-style-type: none"> • Participate in this course by following the guidelines of this syllabus. For additional information the instructor provides by email, telephone, or discussion forums, etc. • Please speak with your instructor <u>in advance</u> if you have extenuating circumstances that prevent you from completing your assignments by the designated due date. If a medical emergency occurs, you will need to provide a written medical notice for the period in which you are unable to participate in class. For all of the assignments (discussion, case studies, quizzes, exams, etc.). Without a medical / doctor's notice, all assignments missed will be scored as zero. • Sign-in to Brightspace D2L and / or Courseware to complete assignments. • Read, study, and complete all assignments by the due dates. • Monitor Brightspace D2L course calendar. • Have access to a computer and the Internet. Make certain computer meets the technical requirements for computer course. • Be courteous, polite and respectful to faculty, staff and fellow students. <p>For online courses, the instructor will use Brightspace D2L email for all course related correspondence. Check <u>Brightspace D2L email</u> as well as <u>Ginger email daily</u> to stay on top of what is going on in class.</p>
	<p>Online Discussion Protocol</p>	<ul style="list-style-type: none"> • The purpose of the discussion forum is to have interactive online discussions with our class community about specific topics, assignments, or readings. • Be constructive and positive. You can challenge ideas and course content without becoming negative online. When you disagree respectfully and politely, it stimulates and encourages great discussion. • You are expected to conduct yourself in a mature, courteous, and respectful manner. • Always sign your name. • Postings should be well written with proper punctuation, spelling and grammar. Avoid the use of all caps or multiple punctuation elements (!!!???). Postings should be a minimum of 3 – 4 sentences. • Check postings for responses from others and respond in kind. • Postings should be evenly distributed throughout the week. Avoid no weekend postings. • Encourage further discussion by building on current threads. <p>The instructor may not respond to every post but will be monitoring each discussion. You may be made to contribute to a discussion, clarify a situation or redirect the conversation.</p>

	Degree Relevance and Enrollment Status	Students are ultimately responsible for ensuring that the course(s) in which they enroll are in the approved degree plan and program map for their program of study. Students must periodically check their enrollment status in this course during the semester. The student is responsible for determining changes, if any in enrollment status and taking the necessary steps (e.g. pursuing re-instatement in this course) following those outlined in the AMSC Catalogue.
	Abandoning a Course	Abandoning a course should be avoided at all cost. Abandoning a course instead of following official drop procedures will result in a grade of "F" at the end of the course. It is the student's responsibility to initiate and complete the withdrawal process.
	Academic Honesty	<p>Only the epitome of professionalism is expected of each student. Cheating or the abuse of academic honesty is not tolerated.</p> <p>Per page 91-93 of the 2019-2020 Atlanta Metropolitan State College Catalogue the Academic Misconduct states:</p> <ul style="list-style-type: none"> In cases where a student is found guilty of cheating or exhibiting academic misconduct involving an instructor-generated assignment or examination, the instructor may impose a penalty. Types of penalties may include, but are not limited to, the instructor assigning a grade of "F" for the assignment, the instructor not accepting the student's work, the student being assigned additional work, or the student receiving a grade of "F" for the assignment. <p>The maximum penalty the instructor may impose is a grade of "F" for the assignment.</p>
	Class Cancellation	<p>Procedure regarding long-term emergency closure of the college (attendance policy): In the event of an emergency that forces the college to close for an extended period, students MUST contact the instructor of this class within 48 hours using the contact information (e.g., email address, phone number, BrightSpace/D2L) on the syllabus to obtain directions for continuing the course. The instructor will provide directions for the transmission and submission of course assignments and course assessments, including due dates.</p> <p>The student is responsible for submitting valid, accurate contact information, including an AMSC email address to the instructor by the end of the first week of the course. Students must also provide an Atlanta Metropolitan State College Student email address in the Academic Support Center, third floor of the Library Building.</p> <p>If the instructor for the course cannot be reached within the specified period (within 48 hours), the Dean of the School responsible for the course can be reached at the email address posted on the college's website.</p>
	Class Schedule	Please see Weekly Announcement and Calendar on course homepage
	Grading Scale	<p>Online Quizzes: 15%</p> <p>Online Homework = 30 %</p>

		<p>Three Online Tests = 30%</p> <p>Online Pre-Assessment: 5% (Due on 8/31)</p> <p>Proctored Exam 2 using Respondus = 10%</p> <p>Online Post Assessment/ Final Exam = 10%</p>
	Grade Distribution	<p>90% - 100% of maximum points awarded = A*</p> <p>89% - 80% of maximum points awarded = B*</p> <p>79% - 70% of maximum points awarded = C*</p> <p>Below 60% of maximum points awarded = F*</p> <p>Problems related to the grading policy for this course or other course may be brought to the attention of the professor for the course. However, a resolution of unsettled problems or concerns may be sought by following the grievance procedures outlined in the AMSC Student Handbook or the Academic Catalog.</p>
	Grade Appeals and Student Complaint Policy and Process	<p>Please follow the Grade Appeals Process outlined in the AMSC Student Catalog, Page 51/52.</p> <p>You can also refer to the Grade Appeal brochure at: https://www.atlm.edu/downloads/advisement/CAAS%20Grade%20Appeal%20Brochure.pdf</p> <p>For student complaint policy and process, refer to AMSC student catalog pages 51/52.</p>
	Frequently Asked Questions and Helpful Links	
	I need:	LINK
	What is Brightspace (D2L) and how can I access it?	<p>Brightspace(D2L) is the virtual space where students access their online courses and Face2Face class resources, quizzes, assignments, etc.</p> <p>You can access Brightspace (D2L) from https://atlm.view.usg.edu/</p> <p>You can also access Brightspace (D2L) from the College's website and click on (D2L) on top.</p>
	Who is my Advisor? Where can I receive Advisement and Tutoring assistance?	<p>Center for Academic Advising and Success (CAAS)</p> <p>-</p>

	What do I do if I face technical issues while taking a quiz or turning in an assignment in Brightspace	https://d2lhelp.view.usg.edu/ You can reach the GaView Helpdesk 24/7/365 days a week. If you are unable to submit a quiz or assignment or face a technical glitch, please contact the University System of Georgia's GaView Helpdesk at 1855 772 4423. The Helpdesk is available 24/7 all 365 days. If your issue cannot be resolved right away, the Helpdesk will issue you an Atlm Ginger email address. That ticket needs to be forwarded to your instructor if you faced a technical issue that forced you to miss a deadline.
	I can't download Respondus Lockdown Browser. What do I do?	If you are unable to download Respondus to your computer, please email the Office of Information Technology at Testing@atlm.edu at least 24 hours in advance requesting a testing appointment at the Lab. For Respondus issues, please contact https://web.respondus.com/contact/ .
	Where do I go for ADA Accommodations	https://www.atlm.edu/students/counseling-and-disability-services.aspx
	I have a complaint. Where do I go?	Fill out and submit the Student Complaint form
	I have an issue with my grade. How may I appeal my grade.	Read the brochure and follow the instructions to appeal your grade .
	How do I Withdraw from a Course	Follow the Course Withdrawal Process here
	I have a Hardship. How do I do a Hardship Withdrawal?	Follow the Hardship Withdrawal Process here
	To Know the Campus Carry/HB 280 Policy	House Bill 280 Guidelines
	Disclaimer	<i>Information contained in this syllabus and schedule was, to the best knowledge of the instructor, considered correct and complete when distributed for use at the beginning of the semester. The syllabus should be considered only a guide for instructor and students, not a formal contract between Atlanta Metropolitan State College and any student. The instructor reserves the right to act within the policies and procedures of AMSC, to make changes in course content and instructional techniques.</i>