

Arkansas State University-Newport's mission is to provide an accessible, affordable, quality education that transforms the lives of our students, enriches our communities, and strengthens the regional economy.

MATH0083 Mathematical Fundamentals

Catalog description: This course is the first remedial mathematics course designed to develop and expand basic math skills to prepare students for College Algebra or Quantitative Literacy. Required for all students scoring an ACT Mathematics score of 15 or below (or equivalent on a comparable test).

Course Type: Lecture

Instructor Name:

Office Phone:

Office:

Email:

Office Hours:

Instructor Name:

Office:

Office Phone:

Email:

Office Hours:

Department Information

Course Department:

Academic Department:

Academic Coordinator:

Email:

Associate Dean:

Associate Dean Contact Number:

Email:

Materials: Required and Optional

Required Text(s): *Intermediate Algebra*, This OpenStax book is available for free at <http://cnx.org/content/col12119/1.3> and in low-cost print and e-book editions, PRINT BOOK ISBN-13 978-0-9986257-2-0 and PDF VERSION ISBN-13 978-1-947172-26-5. Relevant topics and assessments are available in various modules in Canvas.

Optional Text(s): Developmental Mathematics, Quant Systems, Hawkes Learning System Bundle (Textbook and access code) ISBN# 9781932628845. You will only buy the access code the first time you take Math Fundamentals. For additional semesters (if needed), you will be able to reuse the original access code.

Required Materials:

1. ASUN campus email and "Canvas" username and password
2. Access to a computer (desktop or laptop, PC/Mac/Linux) with reliable internet access and equipped with Microsoft Office and Adobe Acrobat Reader.
3. Access to a printer to print PowerPoints, notes and homework assignments.
4. A scientific calculator (nothing fancy; just something in the \$10 to \$20 range will work). Notebook and Pencils

Optional Materials: Calculator (TI-83 or TI-84Plus Silver Edition is strongly recommended) and Headphones

Note: Students are expected to obtain the required text and materials for this course by the start of the term. Accommodations cannot be made concerning assignment due dates and class participation due to a student having not attained the required text and materials. Students participating in online courses are expected to have internet access. Accommodations cannot be made concerning assignment due dates and class participation due to a lapse or absence of internet service or access to a working computer and necessary software. ASUN has computer labs at each of our three campus locations available for students to access during normal hours of operation.

Basic Computer Skills

- Ability to connect to the Internet and log into course regularly throughout each week.
- Ability to correspond and send files electronically and navigate the Internet.
- Ability to use Microsoft Word, PowerPoint, Excel, manage files, and keyboarding ability.

Computer/laptop running Windows 7 or later
Internet: Cable/Fiber-optic network
Acrobat Reader: most recent version
Adobe Flash Player: Most recent version

Microsoft Office
Anti-virus software: updated weekly
Web browser: Google Chrome or Firefox

Institutional Learning Outcomes

Upon graduating from ASU-Newport with any Associate Degree, a student will be proficient in the following:

ILO1: Communication

Goal: Students will express ideas, knowledge, and concepts in a clear and concise manner.

- a) Written
- b) Verbal
- c) Interpersonal

ILO2: Reasoning

Goal: Students will apply reasoning skills in a variety of environments, which demonstrate problem-solving and applied knowledge.

- a) Explore
- b) Locate
- c) Interpret
- d) Evaluate
- e) Apply

ILO3: Responsibility

Goal: Students will participate in service activities that instill in them a sense of social responsibility.

- a) Civic
- b) Academic
- c) Financial

Institutional Grading Scale

Grading Scale:

- A: 90-100
- B: 80-89
- C: 70-79
- D: 60-69
- F: 0-59

- S: Satisfactory
- U: Unsatisfactory

Americans with Disabilities Act Compliance

In order to obtain appropriate disability related accommodations and services to which they are entitled, students with documented disabilities should voluntarily and confidentially provide the Office of Disability Services (870-512-7838 or disabilityservices@asun.edu) with appropriate medical documentation regarding the nature and extent of their disability, make their needs known to this Office and follow established procedures for acquiring needed services and accommodations in the classroom or online.

Information Technology Services

If you experience any problems or issues with Canvas, MyCampus, or other equipment, please contact ITS at 870-512-7783 or <http://its.asun.edu>. Canvas also has a 24/7 live chat. This is a valuable resource for those late-night tests or assignments that just do not seem to work properly.

ASU-Newport provides a number of different services to assist students in areas that directly impact their academic success. The following direct websites will help you get in touch with those services that may be needed during your time as an ASUN student:

Academic Support Center: <http://academicsupport.asun.edu>

Financial Aid: <http://financialaid.asun.edu>

Career Pathways: <http://pathways.asun.edu>

University Police: <http://cpd.asun.edu>

Information Technology Services: 512-7783 or its@asun.edu

Disability Services: http://www.asun.edu/disability_services

Admissions: <http://admissions.asun.edu>

Academic Dishonesty (as stated in the Student Handbook)

ASU-Newport enthusiastically promotes academic integrity and professional ethics among all members of the ASU-Newport academic community. Violations of this policy are considered serious misconduct and may result in disciplinary action and severe penalties. Cheating in any form-including plagiarism, turning in assignments prepared by others, unauthorized possession of exams - may result in the student being dropped from the class with an "F" and/or being suspended from the College. Students who feel they have been unfairly accused of cheating may appeal to the Associate Dean of General Education.

Campus Safety Information

What to know and do to be prepared for emergencies at ASUN:

- Opt-in to receive ASUN's School Messenger notifications regarding weather closings, emergencies, and other important notifications. All currently enrolled students will receive an email within the first two weeks of the semester prompting them to Opt-in to the messaging system.
- Know the safe evacuation route from each of your classrooms. Emergency evacuation routes are posted in on-campus classrooms.
- Listen for and follow instructions from your instructor or other designated authorities.
- For additional emergency information see the ASUN Emergency Response Guide in the Portal under "More" then select "Department of Safety".
- Know the emergency phone number for ASUN Campus Police or dial 911.
- Report suspicious activities and objects found on campus.
- Keep your permanent address and emergency contact information current in My Campus.

Inclement Weather

In the event of inclement weather, class cancelation is left to the discretion of the Chancellor. You will be notified of class cancelation on the university website, through news media, and through our school messaging system.

Children in the Classroom:

ASUN classroom policy requires that the learning environment should be free of distraction in order to provide the highest learning opportunity for all students. In this light, students should not bring children to the classroom. If you must bring a child on campus, please have your child properly supervised in the public gathering areas.

Course Learning Outcomes:

Last name of Faculty, Semester

Upon successful completion of this course, students will be able to:

Course Learning Outcomes	Assessment
Solve problems involving fractions, mixed numbers, proportions and ratios, percent's, radicals, integers, applied problem, critical thinking, and linear relationships.	-Practice -Quiz -Unit Test -Final Exam
Solve problems involving perimeter, area, volume, roots and radicals.	-Practice -Quiz -Unit Test -Final Exam
Solve problems involving linear equations, linear inequalities, scientific notation, exponents, square roots, add, subtract, multiply, and divide polynomials.	-Practice -Quiz -Unit Test -Final Exam
Solve problems that involve linear relationships by finding the equation of a line or by graphing, that line and analyze functions and function properties.	-Practice -Quiz -Unit Test -Final Exam
Solve problems that involve add, subtract, multiply, divide, factoring, and solve polynomials	-Practice -Quiz -Unit Test -Final Exam

- **MASTER SUMMATIVE ASSESTMENT - MSA:** Post Test
- THE STUDENT MUST SATISFY ILO2:E BY COMPLETING THE CLO'S ASSIGNED TO THIS COURSE AS EVIDENCED BY THE MSA: POST EXAM IN ORDER TO SUCCESSFULLY OBTAIN THE GRADE THE STUDENT EARNED. IF THE STUDENT IS PASSING THE COURSE BUT FAILS TO SATISFY THE ILO2:E ON THE MSA, THEN THE STUDENT WILL FAIL THE COURSE.
- **In order to successfully progress from Math Fundamentals to College Algebra or Quantitative Literacy, a student must score between 80% – 100% in this course. If the student scores between 70% – 79% “C” in Math Fundamentals, progression into College Algebra or Quantitative Literacy with carry a recommendation to also take MATH 0021 Foundations of Mathematical Reasoning.**
- fall behind, please contact me before dropping the course. I will do my best to work with you and try to get you caught up.
- Extra Credit: I have already provided you with ample opportunities for credit in this course. I will not create or add assignments for “Extra Credit.”

Course Policies and Procedures

Academic Calendar

Disclaimer

This syllabus and all documents associated with the syllabus are considered a contract between the student and the instructor. Students are expected to carefully read and review the syllabus and all associated documents in order to be

familiar with course expectations and policies. This syllabus is subject to change at the discretion of the instructor, who will inform students of any changes. Students are responsible for keeping up with any changes.