



Mathematics Department

Math 01.095 Section 2 – Basic Algebra II Fall 2010

Prof. Tonya Davenport

COURSE SYLLABUS

This course is hosted online by Blackboard (Rowan username and password required): webct.rowan.edu

(Non-matriculated students should visit <https://www.rowan.edu/password/activation/> to obtain their username/password)

I. Course/Instructor Information

1. Professor T. Davenport, (856) 256 – 4261, davenportt@rowan.edu
2. Time/Location: (Sec 2) Monday 10:00 a.m. – 11:40 a.m., Educ Hall, 3114
3. **Office Location:** Savitz Hall, Room 306 (Inside the Academic Success Center)
4. **Office hours:**

Professor Davenport: Monday 2:00 p.m. – 3:30 p.m.; Wednesday 10:30 a.m. – 12:30 p.m.

Graduate Assistants: The GA's office is located in the Math Dept., Robinson Hall, 2nd floor

Steve Donahue: donahu90@students.rowan.edu

Tues/ Thurs 9:30a.m. – 12:30p.m. – in **Math Dept., Robinson Hall, 2nd floor**

Wed 2:00p.m. – 6:00p.m. – in **Savitz Hall, Room 306**

Jon Weisbrod: weisbr90@students.rowan.edu

Mon 10:00 a.m. – 2:00 p.m./ Wed 11:00a.m. – 2:00 p.m./ Fri 11:00a.m. – 2:00 p.m.

****all office hours in Math Dept., Robinson Hall, 2nd floor****

Course Objectives:

The Basic Algebra II course is the second course in the developmental mathematics sequence at Rowan University. The course is intended to prepare students for entry and successful completion of the college level mathematics course (s) required within university academic majors typically geared toward Business, Education, or STEM. Basic Algebra II is a 2-credit course however, the credits do not count toward general electives, mathematics requirements, grade point average, nor any cumulative university averages. **The course is graded on a Satisfactory (S)/ No Credit (NC) scale.**

After completing this course, students will be able to:

- ❖ Simplify and perform basic operations on polynomials
 - ✓ Polynomials (Text Chapter 5, Sections 5.1 – 5.7)
- ❖ Simplify Rational Expressions and solve Rational equations
 - ✓ Rational Expressions (Text Chapter 6. Sections 6.1 – 6.2 & 6.4 – 6.5)
- ❖ Use rational exponents in describing radical expressions
 - ✓ Exponents and Radicals (Text Chapter 7, Sections 7.1 – 7.3)
- ❖ Graph and find roots for quadratic equations
 - ✓ Quadratic Equations (Text Chapter 8, Sections 8.1 – 8.3)

II. Required materials (Please remember to bring your textbook to class each period!)

1. Course textbook: Integrated Algebra, An Applied Approach, 7e Student Support Edition. [ISBN: 0538773138] (available for purchase through the Rowan Bookstore only because this is a customized

version which includes a student passkey necessary for online access to the interactive online courseware system, WebAssign)

2. Internet access:

a. **Rowan Student Email account (This is how I communicate with all students. You can forward your Rowan student account to another email address of your choice)**

b. **Eduspace Website for completing course homework, quizzes, and assessments:**

<http://www.webassign.com/>

c. **Blackboard** (go to <http://webct.rowan.edu> and click on the link Check Browser to make sure that your web browser is properly configured for Blackboard

3. Calculator (TI-30II or a graphing calculator such as a TI-83 or above is strongly required)

4. Notebook to chronicle problem-solving activities, notes, classwork, and homework assignments.

III. University Policies

The following policies are mandated policies established by Rowan University. All policies may be found on the Provost's webpage: www.rowan.edu/provost/policies/:

1. Classroom Behavior Policy
2. Academic Integrity Policy
3. Student Accommodation Policy
4. Laptop Computers in the Classroom Policy
5. University Attendance Policy

These University policies may also be found on the Rowan University Website in the Student Information Guide (available www.rowan.edu/studentaffairs/infoguide/). Additionally, each policy (in PDF form) is posted on our Blackboard course for your review. If you have any questions please let me know, speak with an academic advisor, or the Provost.

IV. Course Activities:

1. Class participation and schedule

a. All students are expected to attend every class session and participate. Students are expected to read/review/practice notes and examples from the indicated content we will discuss for each class period PRIOR to attending class. Reading, printing out posted notes, and preparing before class allows you the opportunity to listen, ask questions, and participate more fully DURING class. All notes can be printed in the computer labs or on your personal printers.

2. Independent student labs (ISL) :

a. Students will be provided time, as needed, during our regularly scheduled class meetings to complete Independent Student Labs. These labs include independent and group projects, online homework assignments, and LC assignments.

b. Will be conducted according to our posted class schedule. On days listed as **ISL**, you will not be attending class but will use this time to complete assignments as posted.

3. Learning Community Activities

a. All students will be placed into Learning Communities (LC) to complete group activities.

4. Homework

- a. Weekly reading will be assigned either in class, via email, or posted on Blackboard. It is expected that students will read the assignment prior to attending class in order to be prepared and able to effectively participate in class activities. Completing the reading assignment prior to attending class should reduce the amount of notes students will need to take during class.
- b. Homework will be regularly assigned and reviewed as needed for student understanding.
- c. Students are encouraged to ask questions regarding homework problems, work in study groups/ Learning Communities to complete assignments, and to attend tutoring in the Academic Success Center (Savitz Hall, 3rd floor) or the Mathematics Department (Robinson Hall, 2nd floor).
- d. All assignments will have a due date and students will receive homework grades based on timely completion and accuracy of homework activities.

5. Course Assessments: Quizzes, Mid-Term, and Final Exam

- a. There will be 4 quizzes during the semester.
- b. The mid-term is an in-class assessment. The purpose of the assessment is to determine student progress half-way through the term. The mid-term accounts for 15% of your overall course grade.
- c. The final exam is a cumulative in-class exam. The exam will assess all content learned during the semester. It is a written exam and accounts for 20% of your overall course grade.

V. Student Evaluation/ Course Grading policy:

Students taking Basic Algebra II will be evaluated using all assessments and quizzes; homework, group projects, Independent Student Labs (ISL), supplemental activities and participation.

| Grading Distribution |
|--|
| 10% - Participation (includes attendance) |
| 15%- Learning Community (LC) assignments |
| 15%- Homework assignments: Online activities completed by assigned dates |
| 25% - Quizzes (4) |
| 15% - Midterm Assessment |
| 20% - Cumulative Final Exam |

| Grade Cut-Offs |
|--|
| Passing (S): - No more than 3 unexcused A/T's - 70% overall course average: |
| No Credit (NC): - Not meeting any of the above listed criteria |

VII. Attendance policy: 3 is the magic number!!!!

Attendance is mandatory due to the nature of the course. An attendance sheet will be passed around at the beginning of each class period; please initial next to your name. If a student is absent or tardy (A/T) from class and the A/T is **excused** then the student must provide the instructor a written note explaining the A/T when the student returns to class. Otherwise, the absence/tardiness will be considered **unexcused**. For example, absences due to a personal/family/medical emergency are excused but those due to a transportation (or scheduling) problem are not. Each student is allowed a total of **three** unexcused A/T's; thereafter, the instructor reserves the right to issue a NC for the course semester grade. Students will only be allowed to make up work for excused absences. Please refer to Rowan's policy on class attendance (see the Rowan undergraduate catalog).

VIII. Classroom rules:

1. Please ask questions when you do not understand. The questioning process is an integral part of your learning and remember: **THE ONLY DUMB QUESTION IS THE ONE NOT ASKED!!!**

2. Students will abide by Rowan's student code of conduct and policy on academic honesty (please refer to the Rowan undergraduate catalog). Improper and disruptive behavior will not be tolerated.
3. As a courtesy to other classmates, students are asked not to leave their seats during class are except for emergencies or unless prior arrangements have been made with the instructor. Please use the restrooms before class begins.
4. While in class, please be respectful of all instructors and classmates. Please do not talk while instruction is taking place as this becomes a distraction for instructors and fellow classmates.
5. Also as a courtesy, please have all pagers, cell phones, and/or electronic devices on silent or vibrate. Please do not listen to music during class time.
6. **Collaborating/Cheating:** Students are encouraged to collaborate and to discuss with each other and with their professor about work assigned in the course; this includes classwork, homework, and/or groupwork, if assigned. Copying another student's solution is strictly prohibited and violates Rowan's policy on academic honesty. Such violations will be reported to the Dean of Students. Moreover, the students involved will automatically be given a NC for a course grade.

IX. Accommodation Policy:

Your academic success is important. If you have a documented disability that may have an impact upon your work in this class, please contact me. Students must provide documentation of their disability to the Academic Success Center in order to receive official University services and accommodations. The Academic Success Center can be reached at 856-256-4234. The Center is located on the 3rd floor of Savitz Hall. The staff is available to answer questions regarding accommodations or assist you in your pursuit of accommodations. We look forward to working with you to meet your learning goals.

X. Weekly Content Outline

The weekly content outline will be provided. Please note these dates represent approximate timelines for this semester. The instructor will make necessary adjustments as needed to meet the goals and objectives of the course and students will be notified appropriately.

XI. Other useful information & websites

- ❖ If you have questions outside of class times either call the office: email Prof. Davenport or one of our Graduate Assistants, Steve Donahue or Jon Weisbrod; or come in during any of the posted office hours for assistance. For general questions you **can** drop in for office hours.
- ❖ To assist students with being successful in the course, individual tutoring is available during office hours or by appointment as listed in the syllabus and posted on Blackboard and from the Mathematics Department.
- ❖ Additional mathematical help is available at the Purplemath website: <http://www.purplemath.com> ; this site offers great tutorials and step-by-step notes and examples!
- ❖ Computer Support Desk for Students: <http://www.rowan.edu/ir/supportdesk/students/> provides technical assistance as needed.

XII. Have a good semester!

You all came for a reason so make the most of your college experience!

Have fun!

Learn much!

Excel and maximize your potential!

THE TIME IS NOW!!!