Mat-35-42814 Intermediate-algebra
Spring 2013(2/11 – 6/6(tentative))

Instructor: Hong Choi
Date and Time: MWF 8:00am - 9:35am
Room: MTSC 146
Office hours: None, but please feel free to email me.
Email: hong.choi@rccd.edu
Class website: http://websites.rcc.edu/choi

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Course description: The concepts introduced in beginning algebra are presented again, but in
greater depth. In addition to the basic considerations, logarithms, exponential equations, systems
of linear and nonlinear equations, Cramer’s Rule, the Binomial Theorem, the complex number
system, and sequences and series are included. 90 hours lecture.

Course Objective:

Upon successful completion of the course, students should be able to:

1. Apply the basic operations of algebra on the set of real and complex numbers,
polynomials, rational and radical expressions at an intermediate algebra level.
2. Solve linear, rational, quadratic, exponential, radical, logarithmic, absolute value
equations, and systems of equations.
3. Solve inequalities in one or two variables.
4. Graph equations of lines and linear inequalities; graph basic functions; identify conic
sections.
5. Recognize and determine the distinctions between functions and relations; apply
basic operations on functions and find inverse functions.

Homework: Generally, homework will be assigned on Fridays on the class website, and will be
collected on following Fridays. Homework has to be submitted within the first 5 minutes of
the class. Failure to do so will result in zero credit. The highest score you can get per homework
is 10. Show your work for credit. No work means no credit regardless of answer. If you did not
complete the homework, submit whatever you have finished so far. No late submission for any
reason.

Format: Write neatly. Circle your answers. If I can’t understand what the work is I will not give
credit. Staple your homework. If a page gets lost, it is not my fault.

Calculators: Calculators are not allowed, as well as other devices capable of such function.
Exams: There will be three exams, and a final exam. **You must show your work to receive full credit.** There might be adjustments made during the semester depending on how the situation develops.

Pop/surprise quizzes:
Depending on circumstances there will be surprise quizzes given out. Each may replace one of homework grades. This is NOT an extra credit.

Make-up policy: No make-ups are allowed for exams, unless it was an emergency with proof from an official source submitted in timely manner. It is your responsibility to contact me as soon as possible. Sending an email would be a good way to contact me. Do not wait until the next class. For homework, no make-ups are available, but pop/surprise quiz grade may replace them. **There is no make-up for final exam regardless or any reason.**

<table>
<thead>
<tr>
<th>Grading</th>
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<tbody>
<tr>
<td>Exam 1-3</td>
<td>200 points each, lowest one will be dropped,</td>
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<tr>
<td>Final Exam</td>
<td>300 points(cumulative) <strong>Day/Time: TBD</strong></td>
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<tr>
<td>Homework</td>
<td>100 points</td>
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| A: 900 – 1000 points |
| B: 800 – 899 points |
| C: 700 – 799 points |
| D: 550 – 699 points |
| F: 549 point or lower |

Cheating/plagiarism: No cheating or plagiarizing. Such action will cost you your grade, (will be given F for the whole course) and other disciplinary actions will follow. I expect every student to do their own homework. All tests will be completed without the aid of the book, notes, or calculator. Using such materials during a test will be considered cheating.

Attendance: It is extremely important that you attend every class session. Any student with three consecutive absences or total of five absences may be dropped from the course. You have to be in class for a reasonable amount of the time to be acknowledged as attending. But do not rely on me to drop you if you wish to drop the course. It is better to do it yourself than to receive a F. Your registration status is your responsibility.

Cell phones: **TURN OFF** or **SILENCE** cell phones. If you receive a call and wish to answer, quietly remove yourself from the classroom and take care of it. This applies to other devices such as pagers as well. **No texting.** If I see or suspect you using phone or texting, you will be asked to leave or may even be dropped from the class. Do not take your cellphone out for any unnecessary reason. Don’t try to hide it behind a bag, binders or any objects, or under the desk. Do NOT use cell phones in class(no internet browsing or any other kind of use).
**Student responsibilities:**

Do not slack off.
Do not distract others, no disruptive behaviors such as talking.
Do not use electronic devices such as iPods.
Drinks must be in a container with lockable lid or twist cap. No food in class.
Do not cheat, plagiarize, or commit misconducts. Such action will result in getting F for the course grade, and any other action deemed necessary will be enforced. Follow RCC Student Code of Conduct.
Do not bring anyone who is not enrolled in this class.
If you cannot take exam for a valid reason, notify me in advance (at least a week preferred) unless it is an emergency and you have proper document to prove it. You’d need to arrange the exam before the actual exam date for the rest of the class.

**Assistance:**

If you need assistance with disability, please contact Disabled Student Services Office at (951) 222 – 8060 and have arrangements with them and notify me.

**Academic help:**

RCC campus has Math lab in Martin Luther King building (3rd floor). You need to be enrolled in ILA-800 to get help from tutors there. ILA-800 is free. To sign up you need to go to the Math lab and fill out ILA-800 form.

Continued enrollment in the class would imply consent to terms set forth above. Because of the circumstance, we might make adjustments during the semester.
Class schedule (tentative)

| Week 7-8:       | Linear equations and inequalities (Ch. 4)  
|                 | Exponents, polynomials, and polynomial functions (Ch. 5)  
|                 | Exam 1  
| Week 8-10:     | Rational expressions and equations (Ch. 6)  
|                 | Radical expressions and equations (Ch. 7)  
|                 | Exam 2  
| Week 11-14:    | Radical expressions and equations (Ch. 7)  
|                 | Quadratic equations / functions and their graphs (Ch. 8)  
|                 | Exponential and logarithmic functions (Ch. 9)  
|                 | Exam 3  
| Week 14-15:    | Conic sections (Ch. 10)  
|                 | Sequences and series (Ch. 11)  
| Week 15-16:    | Sequences and series (Ch. 11)  
|                 | Final exam  