SELF-PACED ALGEBRA 152A/B, COMPUTER-BASED

COURSE: Math 152A/B  Algebra II (computer-based)

TEXT: Intermediate Algebra (Wright) : Hawkes Learning Systems (CDs) software

MATERIALS: Notebook, graph paper, pencils, eraser and a scientific calculator. No PDAs, TI-89 or above are allowed.

PREREQUISITES: Math 151 with a grade of “C” or better or placement evaluation

CONTENT: Functions, linear systems, graphs, exponentials, binomial expansion, and summation notation

STUDENT LEARNING OUTCOMES

Math 152A
1. Solve problems involving the mathematical concepts of function.
2. Demonstrate the ability to graph and algebraically solve systems of linear equations.
3. Show increased skill in setting up and solving word problems.
4. Solve problems involving geometric applications useful for trigonometry.

Math 152B
1. Show increased skill in setting up and solving word problems.
2. Solve problems using concepts that may be useful for learning statistics: logarithms, sigma notation, and the binomial theorem.

GRADING:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
<td>A</td>
</tr>
<tr>
<td>Tests</td>
<td>50%</td>
<td>B</td>
</tr>
<tr>
<td>Final</td>
<td>30%</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F</td>
</tr>
</tbody>
</table>

CLASS FORMAT: This is a computer-based algebra class. It is designed for self-motivated learners. There are no formal lectures. Students log into network software during class to learn the material, practice problems, complete homework,
and are assigned tests when ready. You set your own pace; however, self-paced does not mean no-pace!! You will be encouraged to move through the material at a reasonable pace. In addition, tutors will be available to help you understand and work out problems. (They will NOT help you during tests, however.)

You should spend at least 1-2 hours outside of class for every hour in class. If you only work on the material in class, you will not finish.

“W” DATE  You must finish the third test by the date indicated on the pink sheet otherwise you will be dropped from the class and get a W.
If you determine that you will not complete your work before the end of the semester, you may request a “W”. You can no longer come to class since you have technically dropped from the class. However, you can carry your work over to the next semester and pick up where you left off. You will receive a grade the following semester. However, the W will remain for the previous semester.

HOMEWORK: Lessons will be assigned from the Hawkes Learning Systems software. Completion of the “Certify” sections count as homework for this course. You will get credit for the “Certify”’s that you finish.

TESTS: There are 6 tests and a cumulative final. If you get below a 70% on a regular test, you can retake it. The maximum number of times a test may be taken is twice. You cannot retake the test on the same day when you failed it. The higher of the two grades will be counted. (The final may be taken only once.)

All of the tests will be generated on the computer. For some tests, you will be required to work out the problems on paper and turn them in. This is to make sure that you have set up the problems correctly.

- All tests must be taken without notes or books
- You must not get help from anyone, including the tutors
- A test will be given only when there is at least 70 minutes to complete it
- You must not leave the room once you have started a test. If you do, your test will be closed by the instructor
Tests will now be timed: 70 minutes for a regular test and 2 hours for the final. The test will automatically be closed by the computer software when time is up.

You must sit in a test area designated by the instructor.

You cannot take the test unless you finish the homework for that test.
Tests must be taken in order: 1, 2, 3, 4, 5, final.

Final Exam: You CANNOT take a final exam if you have not taken all five tests. You can take the final one time only.

ATTENDANCE: At the beginning and/or end of each session, the instructor will take attendance. Students are required to attend all classes, arrive on time, and stay until the end of the class period. This is very important!!!

Students who consistently arrive late and/or leave early will be dropped from the course. Only students who have a conflict statement on file signed by the instructor will be exempt from this. They will be required to follow the times agreed to by the conflict statement or they will be dropped.

It is college policy that if your cumulative absences equal or exceed the equivalent of 2 classes, you may be dropped from the class. If you decide to drop the class, do so according to the Ohlone College dates procedures. Failure to do so will result in a grade of F for the semester.

Make sure you understand this policy!!!

ACADEMIC DISHONESTY: Academic dishonesty defrauds all those who depend on the integrity of the College, its courses, and its degrees and certificates. Students are expected to follow the ethical standards required in Ohlone courses. These standards are defined in the Standards of Student Conduct and Discipline and Due Process Procedures. (Copies are available in the offices of the Vice President, Educational Services/Deputy Superintendent or Division Deans.)
NOISE: Because of the interactive nature of this class, it will be impossible to maintain complete silence. The instructors and tutors will be helping students and answering questions. At the same time, however, one or more students may be taking tests. We want to provide a friendly and relaxed environment where students are free to work at a comfortable pace. Please be considerate and keep conversations limited to math. Speak softly. Please do not bring friends, cell phones, or beepers into the classroom. If you become disruptive and disturb others, you may be asked to leave.

DISTRACTIONS: Do not surf the Web or check/write email during class. Do it before or after class in the open lab.

ADDITIONAL: You can also work on the software in the Math Learning Center. Tutors and instructors are on duty to help you. We want you to be successful in your math courses!

FINAL EXAM: See your Finals schedule