Harrisburg Area Community College
Mathematics and Computer Science Department
Harrisburg Campus
Summer 2020 – 6 Weeks

Instructor Information:
Instructor - George C. Jensen
Office Location – Virtual Online
Office Hours – Mon. and Wed. 8:10 AM to 9:00 AM or by appointment
        Note: In the case of a delayed opening, office hours will be the same
Office Phone Number - (717) 780-2300, Extension 710761
Personal Mobile Phone - (717) 580-7390
HACC Email - gcjensen@hacc.edu
Website - www.georgecjensen.com

About the Course:
Instruction Method – Online Remote Instruction
Course Information - Pre-College Mathematics V, CRN 6004, MATH 055, 2 Credits
Catalog Description - Develops and strengthens algebraic skills in the following areas: absolute
        value equations and inequalities, radical equations and functions, quadratic equations and
        functions. A course fee is required.
Prerequisites - MATH 033 & MATH 044 with a grade of C or higher. Co-requisite: MATH 044
        with a grade of C or higher.
Meeting Time – Mondays and Wednesdays – 9:00 AM to 11:10 AM
Meeting Location – Virtual on Zoom
Delayed Opening Information - If the College announces a delayed opening, our class will meet
        from 10:45 AM to 11:20 AM
Textbook - Developmental Mathematics (Pre-College Mathematics III, IV & V), Sullivan,
        Struve & Mazzarella. Pearson Education, Inc., Current Edition.

Learning Outcomes:
Upon successful completion of the course, the student will be able to:
- Solve each of the following: absolute value equations and inequalities, quadratic
  equations, and equations involving radicals
- Simplify radical expressions and perform the operations of addition, subtraction,
  multiplication, and division on radical expressions
- Use laws of exponents to simplify expressions containing rational exponents
- Perform the operations of addition, subtraction, and multiplication on complex numbers
- Graph quadratic functions and identify their properties
- Translate applications into mathematical equations, formulate problem solving strategies,
  and interpret the solutions

Tutoring:
On campus tutoring is suspended. Use this link to access the remote tutoring schedule for the
Harrisburg Campus: https://www.hacc.edu/Students/Tutoring/Harrisburg-Tutoring.cfm.

Course Policies (Listed in Alphabetical Order):

Academic Dishonesty Policy
Note the following definition.
- Academic Dishonesty – Academic Dishonesty is defined as an intentional act of deception in which a student seeks to claim credit for the work or effort of another person, or uses unauthorized material or fabricated information in any academic work. It includes, but is not limited to: cheating, plagiarism, interference, buying or selling of term papers, homework, examinations, laboratory assignments, computer programs, etc., Falsifying of one's own or another's academic records, or falsifying of admissions, registration, or other related college materials, or knowingly assisting someone who engages in any of the above.

Academic dishonesty in any form will not be tolerated.   Students who engage in Academic Dishonesty will receive a zero on the assignment for the first infraction. For any additional infractions, students will receive a grade of "F" in the course.

Attendance Policy
Note the following definitions.
- Excused Absences - An absence that occurred for reasons that were: a) beyond the student's control to prevent, and b) significant enough to reasonably prohibit attendance in class.
- Unexcused Absence - An absence that is not excused.
- Excessive Absences - Excessive absences occur when unexcused absences or the failure to participate in academic activities exceed 15% of the total class hours that will take place throughout the semester and when the absences preclude the possibility of the student attaining the stated learning outcomes for the course.

As per HACC's Procedures for Faculty-initiated Drops for Excessive Absence, (https://apps.hacc.edu/hacc_forms/E56hy9/openform.cfm?FID=3109), the instructor will drop a student from a class when unexcused absences, or the failure to participate in academic activities, exceed 15% of the total class hours that will take place throughout the semester and when the excessive absences preclude the possibility of the student attaining the stated learning outcomes for the course. The instructor will complete the Drop/Add/Withdrawal (DAW) form indicating a withdrawal grade and last date of attendance (LDA) and submit to the campus Welcome Center for processing during the Drop/Withdrawal Period (approximately through 70% of the scheduled instruction time for the part of term). Students who stop attending a course after the Drop/Withdrawal Period will receive a final grade for the course.

Calculator Policy
Students may not use any web-enabled device as a substitute for a calculator on any Test or the Final Exam. Students may not use calculators with a Computer Algebra System (CAS) such as a TI-89 on any Test or the Final Exam.

Grading Policy
Final Grades will be calculated according to the following category weights:

MyLabsPlus Homework Assignments:	15%
MyLabsPlus Assessment Quizzes:	10%
Tests:	40%
Exit Exam:	35%

A student's final letter grade for the course will computed as follows:

Course Average	Letter Grade
Greater than or equal to 90% and up to 100%	A
Greater than or equal to 80% but less than 90%	B
Greater than or equal to 70% but less than 80%	C
Greater than or equal to 60% but less than 70%	D
Less than 60%	F

Note:
- In the event that any grade percentage initially calculated results in a decimal figure (not a whole number), the instructor will use standard mathematical procedures for rounding in order to assign a whole number percentage. A letter grade will then be assigned to that whole number percentage according to the Grading Scale above.

Make-up Work Policy
- Tests: Students will be permitted to make up a Test if their absence on the day of the Test is excused. If you have a work conflict or are ill the night before a Test is scheduled, it is your responsibility to contact the instructor in advance. If no arrangements are made in advance, the instructor will assign a ZERO grade for that test.
- MyLabsPlus Quizzes and Homework Assignments: Students must complete all MyLabsPlus homework assignments by the dates indicated for each Quiz and Homework Assignment. Assignments not completed will not receive credit.
- Final Exam: Students must take the Final Exam on the date scheduled.

Tardiness Policy
Students are expected to log onto class on time and stay for the duration of the session. Any exceptions to this will only be permitted due to extenuating circumstances and must be cleared with the instructor.

Testing Policy
Tests and the Final Exam will take place on MyLabsPlus at scheduled times (see the schedule on p. 5). Students will be required to be logged onto Zoom with webcams turned on during scheduled test times. To receive partial credit for incorrect test answers, students may scan papers containing their hand-written test work and e-mail them to the instructor within two hours after the class period in which a given test takes place. All exceptions to this must be cleared with the instructor. NOTE: Partial credit will not be given for incorrect answers on the Final Exam.

Virtual Classroom Etiquette
- Cellular Phones, Tablets and Other Electronic Devices - Students must either mute their cellular phones, keep them on vibrate mode, or turn them off during class. Students are permitted to answer an important text message provided it is done discreetly and does not turn into a texting "conversation." Students who need to answer an important phone call must mute their microphone on Zoom. Constant texting and social media conversations are prohibited during class. Web browsing and the use of apps are also prohibited unless the instructor requests such for purposes pertaining to class. Any requests for exceptions to this policy must be cleared with the instructor who will grant or deny such. Students may not text, web browse or use apps on a cellular phone, tablet or similar device during a Test or the Final Exam.

- Talking During Class - Students must remain quiet while the instructor is lecturing. If students have a question, they may say, "Question" out loud to get the instructor's attention. The instructor will make every effort to answer questions as they are presented.

Withdrawal Policy
Students may drop the course at any time during the College's withdrawal period. You may drop the course online through MyHACC or by submitting a paper Drop/Add/Withdrawal form at a Campus Welcome Center. You do not need your instructor's signature in order to drop the course. Please note that after the College's withdrawal period ends, you will receive a letter grade of A-F for the course according to the Grading Policy as stated above. As stated in the Attendance Policy above, the instructor will withdraw students with excessive absences during the withdrawal period.

Note: The College's deadlines for tuition refunds and dropping the course with a W grade are linked here: http://www.hacc.edu/Students/RegisterOnlineGuide/add-and-drop-deadlines.cfm

STUDENTS IN NEED OF ACCOMMODATIONS:
Students with disabilities who are in need of accommodations should contact the campus Student Access Services director/coordinator listed below. Directors/Coordinators for each campus are listed here:
http://www.hacc.edu/Students/DisabilityServices/Contact-Disability-Services.cfm

EEOC POLICY 005:
It is the policy of Harrisburg Area Community College, in full accordance with the law, not to discriminate in employment, student admissions, student access and/or student services on the basis of race, color, religion, age, political affiliation or belief, gender, national origin, ancestry, disability, place of birth, General Education Development Certification (GED), marital status, sexual orientation, gender identity or expression, veteran status, genetic history/information, or any legally protected classification. HACC recognizes its responsibility to promote the principles of equal opportunity for employment, student admissions, and student services taking active steps to recruit minorities and women.
The Pennsylvania Human Relations Act ("PHRAct") prohibits discrimination against prospective and current students because of race, color, sex, religious creed, ancestry, national origin, handicap or disability, record of a handicap or disability, perceived handicap or disability, relationship or association with an individual with a handicap or disability, use of a guide or support animal, and/or handling or training of support or guide animals.
The Pennsylvania Fair Educational Opportunities Act ("PFEOAct") prohibits discrimination against prospective and current students because of race, religion, color, ancestry, national origin, sex, handicap or disability, record of a handicap or disability, perceived handicap or disability, and a relationship or association with an individual with a handicap or disability. Information about these laws may be obtained by visiting the Pennsylvania Human Relations Commission website at http://www.phrc.pa.gov/Pages/default.aspx#.V2HOujFuNS0.

Here is the Contact Information for the Harrisburg Campus Disability Coordinator
Carole Kerper, Director, Disability Services
Cooper C133D
Fax: 717-780-1165
Phone: 717-780-2614
Email: clkerper@hacc.edu

Schedule of Class Sessions, Tests, Assessment Quizzes, Topics and Concepts

Session	Meeting Date	Section Number(s) Test/Quiz	Section Name Test Section Numbers & Due Dates
1	6/29/2020	13.6 14.1	Absolute Value Equations and Inequalities Square Roots
2	7/1/2020	14.2 14.3 **Assessment Quiz 1** **Opens in MLP**	nth Roots and Rational Exponents Simplify Expressions Using Law of Exponents **13.6, 14.1-14.2** **Assessment Quiz 1 Due 7/8/2020**
3	7/6/2020	14.3, continued 14.4	Simplify Expressions Using Law of Exponents Simplify Radical Expressions Using Properties of Radicals
4	7/8/2020	14.5 14.6 Review	Adding, Subtracting and Multiplying Radical Expressions Rationalizing Radical Expressions 13.6, 14.1-14.5
5	7/13/2020	14.6, continued 14.9 **Test 1**	Rationalizing Radical Expressions The Complex Number System **13.6, 14.1-14.5**
6	7/15/2020	14.9, continued 14.8 **Assessment Quiz 2** **Opens in MLP**	The Complex Number System Radical Equations and Their Applications **14.3-14.6, 14.8-14.9** **Assessment Quiz 2 Due 7/22/2020**
7	7/20/2020	14.8, continued 14.7	Radical Equations and Their Applications Functions Involving Radicals
8	7/22/2020	14.7, continued 11.6 15.1	Functions Involving Radicals Solving Polynomial Equations by Factoring Solving Quadratic Equations by Completing the Square
9	7/27/2020	15.1, continued 15.2 Review	Solving Quadratic Equations by Completing the Square Solving Quadratic Equations by the Quadratic Formula 14.6-14.9, 11.6, 15.1-15.2
10	7/29/2020	15.3 15.4 **Test 2** **Assessment Quiz 3** **Opens in MLP**	Solving Equations Quadratic in Form Graphing Quadratic Functions Using Properties **14.6-14.9, 11.6, 15.1-15.2** **14.7, 11.6, 15.1-15.3** **Assessment Quiz 3 Due 8/5/2020**
11	8/3/2020	15. 4, continued **Review**	Graphing Quadratic Functions Using Properties **Entire Course Review**
12	8/5/2020	**Final Exam**	**Details To Be Announced**

Homework Assignments in MyLabs Plus
Log onto MyLabsPlus to access assignments and for information regarding Homework Assignment due dates. Students are encouraged to use the exercises in the textbook for additional help and for a study guide when Internet Access is not available.