MATH 140 Pre-Calculus: Trigonomety & Analytic Geometry
CRN 18648, MWF 10:00-11:15 am, Manono Bldg. 387-Tech, 4.0 credits
CRN 18649 VID, MWF 10:00-11:15 am, WestHI Admin Conf, 4.0 credits

Instructor: Denise D'Haenens-Luker   **Phone:** 934-2538   **Email:** dhluker@gmail.com
Office: UH Campus, The Learning Center, Office #109
Office Hours: Mon, Wed, Fri (Manono Campus – Hale Kea Classroom) 8:10am -9:00am

Required: MyMathLab Student Access code. Register/Re-register your student access code at www.pearsonmylabandmastering.com. The **Course ID code** for this course is **luker16996.** Continuing students need not pay again. Login as usual and register the new Course ID Code.

Recommended Textbook: "PRECALCULUS: FUNCTIONS AND GRAPHS", 4th Edition, by Mark Dugopolski.

Calculator: Please bring your own graphing calculator to class. No sharing of calculators will be allowed during exams or quizzes. The use of cell phone or computer calculators will not be permitted during exams.

Course Description: Properties of trigonometric functions, analytical geometry, polar coordinates, conic sections, and vectors.

Prerequisite: "C" or better in Math 135 or placement in Math 140.

Student Learning Outcomes:
  Upon successful completion of Math 140, the student will be able to:
   1.   Identify the graphical and algebraic characteristics of conic sections.
   2.   Identify the graphical and algebraic characteristics of the trigonometric functions.
   3.   Solve equations involving trigonometric functions.
   4.   Use mathematical modeling techniques to solve problems using the trigonometric functions.
   5.   Employ appropriate technology.
   6.   Be sufficiently prepared to meet the demands of the next sequential math course.

Comprehensive Final Exam: Monday, May 6, 9:40-11:40am. The final exam will count as 200 points. Arrive on time and prepared. Do not miss your final!

Attendance & Participation: Attendance and participation is MANDATORY and crucial for success in this course. Please arrive on time and prepared. It is not the instructors or tutors responsibility to re-teach missed lectures. Please get copies of lecture notes from a fellow classmate. Plan ahead: Exchange phone numbers with a classmate to find out what lecture, notes, and announcements you missed in class, etc

Homework: Most homework will be assigned via MyMathLab and can be accessed by clicking the "*DO HOMEWORK"* tab. These assignments must be written out. Your written work will be collected at the end of each unit. Work must be shown, organized, and legible. Do not turn in answers only or computer printouts. Late/missed homework (10% penalty) can be accessed by clicking on the "*GRADEBOOK*" tab. Students are expected to complete all the problems in each assigned section, check and make necessary corrections. Homework will total to 100 points.

Quizzes: Towards the end of the semester online quizzes will be assinged at MyMathLab to help prepare for the final exam. These online quizzes can be found by clicking on the "*TESTS AND QUIZZES*" tab. Quizzes will total to 50 points.

Exams: There will be four 100-point in class exams administered throughout the semester. Practice exams for each chapter can be found online by clicking the "*TESTS AND QUIZZES*" tab. If a student misses an in class exam it is the **student's responsibility** to contact the instructor ASAP to schedule a make-up exam with the Hale Kea Testing Center (Manono Campus Bldg 387, Phone 933-3219). In West Hawaii make-up quzzes will be administered through the library testing services. The make-up exam must be completed within three days of the original exam. No make-ups will be given after this time. Any exams missed that are not made up will receive a score of 0. The instructor limits students to **2 make-up exams per semester**. Exams will total 400 points.

Grading Scale: 90-100% A, 80-89% B, 70-79% C, 60-69% D, below 60% F
Your final course grade will be assessed as a percentage of the following total possible points:

Exams (4 @ 100 points each)	400
Homework	100
Quizzes	50
Final Exam	200
Total Possible Points	750

Zero Tolerance of Cheating: This instructor has a zero tolerance cheating policy. Students who cheat on an exam/quiz/final will be receive an automatic zero for the exam/quiz/final. Be aware of my policy and do not chance it.

Additional Information:

1. Every student is expected to be familiar with and abide by the Hawaii Community College **Student Conduct Code**. The Student Conduct Code states, *"Impermissible behavior…includes that which is directly or indirectly interferes with or disrupts the process of teaching, learning, research, and administration." Refer to the college catalog for more information*.

2. Hawaii Community College is committed to **provide equal access to the campus, classes and programs for students who have disabilities.** If you have a documented disability and/or related access needs, please contact Karen Kane, Counselor for the Ha'awi Kokua Program **(934-2725), kkane@hawaii.edu**. The office is located on the Manono Campus – Building 388, Room 106.

3. Hawaii Community College has **counselors available** if you have any issues, which have a negative impact on your ability to successfully complete this course, and other courses you are taking. Call 934-2720 if you wish to speak with a counselor.

4. *HCC provides its students with **free walk-in math tutoring:***
   *Manono Lower Campus: **Hale Kea Testing Center**, Bldg 387. Phone: 934-2540*
   *UHH Upper Campus: **The Learning Center**, located at the lower level of the library by the EKH building. Phone: 934-2530*

   Check out our website!!!   Hawaii.hawaii.edu/tlc/Math/index.html

5. Be aware of **Important dates/ deadlines** listed in the Semester Calendar.
   For example:
   > The last day to Withdraw from classes <u>without</u> a "W" is Monday, January 28.
   > The last day to withdraw from a course <u>with</u> a "W" is Thursday, March 21.