MATH 135 PRECALCULUS: Elementary Functions
CRN 17627, MWF 10:00-11:15 am, Manono, Bldg. 387-Tech, 4.0 credits
CRN 17628 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, Learning Center #109
Office Hours: Mon, Wed, Fri 9:00am -10:00am at Hale Kea on Manono Campus.

Required: MyMathLab Student Access Code. You must register your student access code at www.coursecompass.com. The Course ID is luker58175

MyMathLab contains an online printable “E-Book version” of our textbook. To access the ebook click the “Chapter Contents” tab. Then click “Multimedia Textbook Section”.


Graphing 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. (FYI, I use the TI-83 plus)

Prerequisite: “C” or better in Math 27 or placement in Math 135.

Course Description: Functions and relations, polynomial and rational functions, exponential and logarithmic functions, matrices, sequences and series. Instruction will be given on the use of appropriate technology to facilitate conceptual understanding of functions (numerically, graphically, symbolically, and verbally).

Student Learning Outcomes: Upon successful completion of Math 135, the student will be able to:
1. Identify the graphical and algebraic characteristics of functions, including polynomial, rational, exponential, and logarithmic.
2. Solve equations involving such functions.
3. Use mathematical modeling techniques to solve problems using functions.
4. Solve multivariable systems of equations.
5. Employ appropriate technology.
6. Be sufficiently prepared to meet the demands of the next sequential math course.

Comprehensive Final Exam: Monday, December 10, 9:40 - 11:40am. The final exam will count as 200 points. Arrive on-time and prepared. Do not miss your final!
Homework: Online written homework problems will be assigned regularly. Written homework assignments will be collected unannounced and/or at the end of each chapter. Work must be shown, organized, and legible. No credit for answers only. Homework assigned via MyMathLab can be accessed by clicking the “DO HOMEWORK” tab. Due dates must be met as late homework will reduce scores by 10%. In MyMathLab you can access missed/late HW assignments by clicking on the “GRADEBOOK” Tab. Students are expected to complete all the problems in each assigned section. Please check your work and make corrections when necessary. Do not turn in computer printouts. For additional practice, please do some of the “STUDY PLAN” problems. Homework will total to 100 points.

Attendance & Participation: You are expected to attend all classes and be on time. Attendance and participation is required and crucial for success in this class. It is not the instructors or tutors responsibility to re-teach missed lectures. Please get copies of notes from a fellow classmate for any missed lectures. Exchange phone numbers/email address with a classmate to find out what you missed in class, etc.

Quizzes: Quizzes will be administered as part of review. Online quizzes can be found by clicking on the “TAKE A TEST” tab. Quizzes will total to 50 points.

Exams: There will be four 100-point in class exams administered throughout the semester. Practice exams (2) for each chapter can be found online by clicking the “TAKE A TEST” tab. Use these online practice exams to help prepare for your in-class exams.

READ!!! Make-Up Exams: 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. The make-up exam must be completed within three (3) days of the original exam. No make-ups will be given after this time. Hale Kea Testing Center (Manono Campus Bldg 387, Phone 934-2540) will proctor your make-up exam by appointment. Hale Kea requires 24hr notice of all make-up exams. Therefore, you must contact me to let me know to turn in the exam at least a day before you plan to take your make-up exam. Any exams missed that are not made up will receive a score of 0. The instructor limits students to TWO (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:

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
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<tbody>
<tr>
<td>Exams (4 @ 100 points each)</td>
<td>400</td>
</tr>
<tr>
<td>Homework</td>
<td>100</td>
</tr>
<tr>
<td>Quizzes</td>
<td>50</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
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<tr>
<td>Total Possible Points</td>
<td>750</td>
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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 see me during my office hours, or contact Karen Kane of the Ha’awi Kokua Program (934-2725), kkane@hawaii.edu. The office is located on 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 974-7741 if you wish to speak with a counselor.

4. HawCC offers Free Walk-In Math Tutoring at:
   - The Learning Center (UH Campus, near EKH) Phone: 934-2530
   - Hale Kea (Manono Campus, Bldg 387) Phone: 934-2540
   - Kilohana (UH Campus, College Hall 5 Or Library Rm 123) Phone: 933-3421

   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 without a “W” is Monday, Sept. 10.
   - The last day to Withdraw from a course with a “W” is Monday, Oct. 29.

   Note: Students must ADD/ WITHDRAW themselves by going online and dropping the class or filling out and turning in any necessary paperwork. Instructors cannot ADD/WITHDRAW students.

6. Towards the end of the semester please participate in the online ECAFE faculty/course survey for this math course. Your feedback is important to me. The ECAFE website is www.hawaii.edu/ecafe