

## Mathematical Skills and Pre-Calculus Assessment Instructions

Dear Bearcat,

We want you to succeed in your classes at Lander. Doing well on this test does not guarantee success in your first mathematics course, but doing poorly indicates that you probably need to brush up on your math skills before coming to campus or during your first semester here.

The only way this assessment will do what it is designed to do is if you complete the test on your own, following the instructions given on this page.

REMEMBER: We want you to succeed and we will help you if you let us!

Looking forward to seeing you on campus,

**Gina Dunn, Chair**  
**Department of Mathematics and Computing**

### Instructions

1. *All Math testing should be completed as soon as possible after receiving the placement flyer included with your acceptance letter from the Admissions Office.*
2. *You must disable your pop-up blocker in order to complete this test.*
3. *A calculator is not allowed.*
4. The Pre-Calculus Assessment is ONLY necessary for students planning to take calculus (Math 141). This includes ALL Mathematics and Chemistry majors, ALL students in any of the Dual-Engineering programs, SOME Computer Information System majors, and ALL students planning to complete a minor in Mathematics or to use calculus to complete their general education mathematics requirement.
5. Each test is timed so please pace yourself. After you submit your test for scoring you will get an immediate result.

To begin the Math Skills Assessment or Pre-Calculus Assessment

- Go to <https://lander.blackboard.com> (this is the link to "Blackboard")
- Your temporary Blackboard ID is the Lander ID number given to you by the Admissions Office with a lowercase "t" in front of the number. For example, if your Lander ID number is L09998877, your temporary Blackboard ID is tL09998877. **This is case sensitive.**
- The password is your date of birth in this form (mmddyy). For example, if your birthday is July, 04, 1990, your password would be 070490.
- Click on **mathplacement**
- Choose either **Math Skills Assessment** OR **Pre-Calculus Assessment**

## **Score Interpretations**

### **INTERPRETATION OF MATH SKILLS ASSESSMENT SCORE**

**SCORE OF 11 OR MORE:** Your algebra skills should be sufficient for successfully completing MATH 121. However, please be aware that MATH 121 also requires problem solving skills not evaluated by this assessment.

**SCORE FROM 8 TO 10:** Your score indicates that you may not have sufficient algebra background for successfully completing MATH 121 or MATH 123. You should consider frequently using the Math Lab or working with a tutor when enrolled in these courses. Completing a course in college algebra may also be beneficial.

**SCORE OF 7 OR LESS:** Your score indicates a serious lack of the algebra skills needed to successfully complete MATH 121 or MATH 123. It is strongly recommended that you successfully complete a course in college algebra before attempting either of these courses at Lander University. If your proposed major does not require either of these mathematics courses, MATH 101, which is not algebra-based, will fulfill the General Education requirement. Please discuss your options with your academic advisor.

### **INTERPRETATION OF PRE-CALCULUS ASSESSMENT SCORE**

**SCORE OF 17 OR MORE:** Your Algebra and Trigonometry skills should be sufficient for Calculus 1 (MATH 141).

**SCORE FROM 13 TO 16:** Your score indicates that you may not have sufficient background for successfully completing Calculus 1. You should consider enrolling in Pre-calculus (Math 114) before Calculus 1 (MATH 141), frequently using the Academic Success Center, and work with a Math tutor. Pre-calculus is offered in the second session of the Summer semester and also in the Fall semester.

**SCORE OF 12 OR LESS:** It is recommended that you take Pre-calculus (MATH 114) prior to enrolling in Calculus 1 (MATH 141). Pre-calculus is offered in the second session of the Summer semester and also in the Fall semester. Mathematics majors scoring 12 or less are advised to enroll in Pre-calculus in the Summer semester and then Calculus 1 (MATH 141) in the fall