

# MATH CAMP 2018

June 25<sup>TH</sup> – August 2<sup>ND</sup>

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## ABOUT MATH CAMP

If you have taken (or plan on taking) the ALEKS<sup>®</sup> placement and want a better score, or if you are just looking to sharpen your math skills for fall classes, Math Camp may be what you are looking for. The goal of math camp is to help students place into the highest appropriate math course with the skills they need to be successful.

The practice that comes with ALEKS<sup>®</sup> placement is great, but sometimes you need a real person to help see those elusive connections or explain a difficult topic. Math Camp is an intensive six-week review of math staffed by UT faculty and designed to improve course placement and insure success in your first math classes. Sessions are held Monday-Tuesday-Wednesday-Thursday from 8:45-10:00 am in Memorial Field House on the UT campus. Students can choose to attend on campus or online by video conference. The course includes short lectures, demonstrations and discussions along with one-on-one help in preparation for the ALEKS placement test. You will learn about math at the college level and how to survive that first semester while you improve your math placement.

## APPLICATION INSTRUCTIONS

Detach and complete both sides of the application form. Make sure you clearly print all information. Application and payment must be received by Friday, June 22, 2018. The cost of math camp is **\$75** and includes all instructional sessions. After you have submitted your application and payment, you will receive additional information through your **official UT e-mail address**. We accept cash, personal checks, and cashier's checks. There are no refunds. Make check payable to: **The University of Toledo**.

*Send payment and completed application form to:*  
Mathematics & Statistics, MS 942  
The University of Toledo  
2801 W. Bancroft Street, Toledo, OH 43606-3390

## CONTACT

If you have questions, please e-mail [mathcamp@utoledo.edu](mailto:mathcamp@utoledo.edu) or call 419.530.2249. Visit us at [www.facebook.com/utmath](http://www.facebook.com/utmath) or [math.utoledo.edu/placement\\_mathcamp.html](http://math.utoledo.edu/placement_mathcamp.html)

## Math Camp Application

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Please let us know if you will be attending Math Camp on campus or online: On Campus / Online (circle one)

*Please print clearly.*

Name \_\_\_\_\_ Rocket ID R \_\_\_\_\_

Cell Phone \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Home Phone \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

UT E-mail \_\_\_\_\_@rockets.utoledo.edu

*First name*

*Last name*

*(In some cases you have to add a number, e.g., [firstname.lastname2@rockets.utoledo.edu](mailto:firstname.lastname2@rockets.utoledo.edu).)*

## PLACEMENT & ALEKS®

The University of Toledo uses ALEKS® Placement to provide an accurate measure of students' current mathematical skills so that they will be accurately placed in their mathematics courses. ALEKS® uses adaptive questioning to determine exactly what students know and don't know about a topic. Students will gain a better sense of their strengths and weaknesses in math. They will then have a chance to work on those weaknesses and retake the placement up to two more times before classes begin. The most important thing is to take the assessment seriously and give it an honest effort so that the assessment truly reflects their level of knowledge and math preparedness. The more time students spend with ALEKS®, the more topics they will review and master – and the better their placement! The cost is **\$20** and paid directly to ALEKS®. Students enrolling in Math Camp can choose to take the initial ALEKS® Placement either before, during, or after the instructional sessions. More information can be found here: [www.utoledo.edu/it/aleks/](http://www.utoledo.edu/it/aleks/).

## TENTATIVE INSTRUCTIONAL SESSIONS (Subject to change, based on needs and progress of class)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
June 25 Introduction to Math Camp	26 Initial Assessment	27 Surviving College Math	28 Common Misconceptions <b>Open Forum</b>
July 2 Rational expressions	3 Rational equations	4	5 Inequalities and intervals <b>Open Forum</b>
9 Exponents	10 Radicals	11 Rational Exponents	12 Complex numbers <b>Open Forum</b>
16 Factoring	17 Polynomials	18 Graphs, factors and solutions	19 Systems of Equations <b>Open Forum</b>
23 Exponentials	24 Logarithms	25 Geometry	26 Right Triangle Trigonometry
30 Unit Circle Trigonometry	31 Trigonometry Identities	August 1 Getting Help	2 What is next?

Are you trying to place into a particular math class? If so, which class? \_\_\_\_\_

If there is some area or topic you would like us cover, let us know in the space below.

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