# Math 1302 - College Algebra - Section 350



### **Course Instructor**

Dr. Kathryn Rhoads kerhoads@uta.edu

The instructor will respond to email inquiries within 24-48 hours.

Mentis Faculty Profile: https://www.uta.edu/profiles/kathryn-dawson

Office: PKH 407

Office Phone: 817-272-0343

Office Hours: Tuesday & Thursday: 1:00 p.m. – 1:50 p.m. or by appointment

Lab Hours: Tuesday & Thursday, 2:00 p.m. - 3:20 p.m., PKH 308

#### **Textbook and Materials**

You have one option for this course and you can purchase your items through the UTA Bookstore.

- 1. Access Code and Textbook Bundle: *College Algebra*, 11th Ed., Lial, Hornsby, Schneider, and Daniels, Pearson Ed. Inc., 2013. ISBN# 1-323-169830; containing MLP access code and *MyNotes* workbook.
- 2. **3"x5" Index Cards:** Each student is required to bring two blank index cards to each lecture section (30 in total). The index cards will be used to monitor lecture attendance and to assess short, entry/exit quizzes for bonus points on the final exam.

# **Calculator Policy**

Students may use a scientific calculator on tests and the final exam. If so it <u>MUST</u> be one of the following (no other type of calculator or electronic device will be allowed):

Texas Instruments 30X series: TI-30Xa, TI-30X-IIS, TI-30XS Casio fx-80's series: Casio fx-82M-S, Casio fx-85M-S Sharp EL-531 series

### **Course Elements**

# **Scheduled Meeting Times and Locations**

Lecture: Tuesday, 3:30 p.m. - 4:50 p.m., PKH 103

Lab: Tuesday & Thursday, 2:00 p.m. - 3:20 p.m., PKH 308

### **Attendance Policy**

At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, I have adopted the following attendance policy. Attendance will be taken daily and is mandatory. The lecture session meets once a week for 1 hour and 20 minutes and the lab session meets 2 days per week (1 hour and 20 minutes each session) in the Math Emporium Computer Lab, 308 PKH. Students are expected to attend class/lab, be attentive, and participate in discussions/activities.

- Upon entry into the lab, you will be required to log into an attendance tracking system using your MavID card. You will also be required to sign out when leaving the lab.
- Over the course of the semester, in addition to lecture attendance, you are required to complete
  36 hours of study time within the Math Emporium. Lab hours must be completed throughout the
  course of the semester. Benchmark periods are designated in the table below, and must be met in
  order to fulfill this course requirement: (NOTE: Time accumulated over the required 12 hours
  within each benchmark will roll over to the next benchmark.)

Hours Complete upon Completion of Exam 1	12	Worth 25% of Attendance
Hours Complete Between Exam 1 and Completion of Exam 2	12	Worth 25% of Attendance
Hours Complete Between Exam 2 and the Last Lab Day	12	Worth 25% of Attendance
Total Lab Hours Requirement	36	Worth 75% of Attendance
Lecture Attendance (at least 12 lectures)		Worth 25% of Attendance
TOTAL ATTENDANCE REQUIREMENT		Possible 100% for Attendance

See the course schedule for exact exam dates.

- The attendance requirement is 5% of your overall course grade. By semester's end, your attendance grade will be 0, 25, 50, 75 or 100, depending upon the number of benchmarks met and lecture attendance.
- You are solely responsible for your own attendance. If you miss a lab time, you will be allowed to make-up your time during open lab hours within the associated benchmark period. You will be provided with a lab schedule and information on how to check and keep up with your own hours.

# **Learning Resource Center - Mathematics Emporium**

Email: mathemporium@uta.edu

Website: <a href="http://www.uta.edu/math/emporium/">http://www.uta.edu/math/emporium/</a>

Facebook: https://www.facebook.com/pages/UTA-Math-Emporium/460329394127443

### **Schedule of Lessons and Tests**

You must complete all assignments and tests by the due dates. Due dates are listed in **MyLabsPlus** and also in the Course Schedule located in blackboard. **All deadline times are in Central Time**.

### **Grade Calculation**

Homework, Tests, Exam	Percent of Grade
Attendance	5%
Homework/Quizzes	20%
Chapter Tests (Average of 3 Tests)	50%
Comprehensive Final Exam	25%
Total:	100%

- Two of the lowest homework grades and one quiz grade will be dropped at the end of the semester.
- In the event you are not satisfied with one of your three chapter exam scores, you may ask your instructor for a retake. Only ONE retake on a chapter exam of your choosing will be granted. Please reference the course schedule for specific retake dates. You MUST solicit and receive approval from your instructor prior to taking your ONE retake exam. All retakes must be complete prior to the final exam.

# **Grading Scale**

Grades will be computed based on the following distribution. Grades are rounded up accordingly.

90 — 100%	A
80 — 89%	В
70 — 79%	С
60 — 69%	D
Below 60%	F

# **Homework and Quizzes**

All homework and quizzes will be assigned in MyLabsPlus. (<u>www.uta.mylabsplus.com</u>) All homework and quiz assignments are available to you on the first class day. The automated system will provide feedback on assignments immediately upon submission.

- NO late homework or quizzes will be accepted, so watch the due dates on the MyLabsPlus calendar. You will receive a zero for any assignments not submitted.
- There is a homework assignment covering each section of material and there are 6 ten-question quizzes. Homework assignments are set for unlimited access up until the due date and you have 3 attempts per question, however you only have two attempts at each quiz which have a 45 minute time limit and must be completed once opened. Quizzes cannot be saved and resumed later.
- All homework assignments contain learning aids to help you through the material. Be careful not to become overly dependent on these aids or you may not perform well on the exams. You have three chances at a question per attempt. To gain access to the next attempt once a question is marked wrong; simply select the "similar exercise" button at the bottom of the homework screen. Quizzes are designed to check your knowledge retention and therefore do not contain the learning aids except in review mode once the quiz has been submitted.
- A Lockdown program for your browser is required for all quizzes. Be sure that you either complete
  your quizzes in the Math Emporium Computer Lab or that you have administrative rights to the
  computer you are using in order to install this program. The program is a free download and easily
  installed through the Browser Check.
- If you have trouble completing the assignments, please seek some form of tutoring and/or see your instructor for assistance.

# **Extra Credit: Signature Assignments**

This course contains three related concept assignments. Each of these assignments will cover two of the six learning objectives and outcomes listed in the objective section of your master syllabus. You will be required to complete a variety of short answer questions. These assignments will count as bonus points on a chapter exam based on the percentage score earned on each assignment. No more than 5 points can be earned on any given test. Extra credit will be applied at the end of the semester and cannot apply to the final exam. These assignments will access the following skills:

- <u>Critical Thinking Skills</u> to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
- <u>Communication Skills</u> to include effective development, interpretation and expression of ideas through written, oral and visual communication.

• <u>Empirical and Quantitative Skills</u> - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

Extra Credit may also be earned by correctly answering entry and exit quizzes given during lecture meetings. The entry quiz will be based on a topic over which students are expected to prepare before lecture, and the exit quiz will be based on the lecture itself. The quizzes will be answered on the required 3"x5" index cards that you bring with you to class. Points accumulated by correct responses could add up to 5 points on the final exam.

#### **Tests**

There will be three online proctored chapter tests throughout the course of the semester. (Please reference the course schedule for exact dates.)

- All chapter tests are found within MLP and are comprised of 20 questions that must be completed within 75 consecutive minutes. Tests cannot be opened, saved, and returned to at a later time.
- You may use one 3x5 index card with notes front and back, an approved calculator (see list of approved calculators in Materials section), and blank scratch paper which will be provided. No additional materials are allowed.
- All exams are taken in the Math Emporium Computer Lab (PKH 308) on the UTA campus during your regularly scheduled lab time. You must have your MavID with you on exam day and will be required to sign in upon entering and exiting the lab.
- You may not leave the room during an exam.
- Partial credit forms will be available for the chapter tests. Upon completion of each exam, you will be allowed to review your answers. At that time, you may fill out a partial credit form and request partial credit on up to 6 questions by turning the form into your instructor or a lab assistant in the Emporium. You cannot earn credit for any problems not originally attempted and answered during the exam. See Blackboard for forms and additional details.
- Partial credit is not available on any retake of a chapter exam.
- Use of any unauthorized electronic devices or notes during an exam will result in a grade of ZERO.

### **Final Exam**

The final exam is a comprehensive, proctored exam containing material from all 30 sections covered over the course of the semester. (Please reference the course schedule for exact dates.)

- The final is found within MLP and is comprised of 30 questions that must be completed within 140 consecutive minutes. The final cannot be opened, saved, and returned to at a later time.
- You may use two 3x5 index cards with notes front and back, an approved calculator (see list of approved calculators in Materials section), and blank scratch paper which will be provided. No additional materials are allowed.
- The final exam will be taken in the Math Emporium Computer Lab (PKH 308) on the UTA campus. Final exam dates will be announced at least one week prior to final exam week. You must have your MavID with you on exam day and will be required to sign in upon entering and exiting the lab.
- You may not leave the room during an exam.
- There is no partial credit for the final exam.
- Use of any unauthorized electronic devices or notes during an exam will result in a grade of ZERO.

### **Makeup Policy**

In addition to the policy that NO late homework or quizzes will be accepted (see Homework and Quizzes), there are no make-up exams. If you know ahead of time that you are going to miss class for a legitimate reason, it is your responsibility to inform me and make the necessary arrangements. If you have a conflict with a scheduled exam due to a school sponsored or excused event, you MUST have documentation and you MUST arrange to take the test BEFORE you leave. To request an alternate test date because of an approved conflict, please fill out the Alternate Test Date Request Form which can be found in Blackboard. You must either submit the forms directly to me during class or office hours or email the form along with the necessary documentation at least two weeks prior to the first exam. A request for a rescheduled exam will only be considered in rare, documentable, and verifiable instances. The decision to grant an alternate test date will be at the sole discretion of the instructor and/or course coordinator.

### **Strategies and Lab Rules**

The primary methods for course content delivery will be lecture and lab work.

- You should bring the MyNotes workbook with you to class. You will be guided through the notes and course material will be explained.
- Additional content material and notes can be found in the unit tabs within Blackboard and within
  the multimedia tab within MLP. The course is separated into 3 units of material which will
  correspond to the 3 chapter tests. Within each unit there are two blocks with specific details and
  assignment requirements. Preparation will take place within class, Blackboard, and MLP. All graded
  assignments are found within the MLP system.
- Lab participation is required and you are only allowed to work on MATH 1302 material while in the lab. Any violation of this rule will result in a student being asked to leave the lab and an absence will be recorded for that day. The lab time will give you an opportunity to obtain one on one tutoring and guidance for your homework and quizzes.
- Mobile phones and laptops are not allowed in the lab. Students must work on the designated computers with the Math Computer Lab.
- Students may continue to work through their homework and quiz assignments outside of the lab
  time since the MyLabsPlus program is accessible from any source with an internet connection.
  Beyond the time required to attend each class meeting, students enrolled in this course should
  expect to spend at least an additional 9 hours per week of their own time in course-related
  activities, including reading required materials, completing assignments, preparing for exams, etc.
- Students must login and have their MyMav ID upon entering and exiting the lab.
- No food or drinks are allowed in the lab.
- It is strongly recommended that you bring your MyNotes workbook with you to the lab.

# Announcements: Found in *MyLabsPlus* and in *Blackboard*.

- Students are responsible for all information found in these announcements.
- Students should check for new announcements at least twice a week.

### **Help for Students**

- Lab Tutors open lab times are available in addition to your class times. Visit http://www.uta.edu/math/emporium/ for more information.
- Math Clinic located in Pickard Hall 325, offers free daily help.

- Supplemental Instruction information is found within a tab in your Blackboard course.
- SOAR is a cost/share tutoring service Ransom Hall 205.
- Maverick Resource Hotline (817-272-6107).
- Online help: khanacademy.org.

# **Software and System Requirements**

Mozilla Firefox and Google Chrome are the recommended and supported browsers for this course. The course also has the following options for system requirements:

- Windows 7.0 or higher
- Mac OS x 10.8 or higher

If working outside the lab, students are encouraged to use the Browser Check on the initial page within the MLP system in order to check and/or update (free download) the following software requirements:

- · Adobe Flash Player version 11.9 or higher
- Adobe Reader version XI or higher
- Pearson LockDown Browser for Windows version 1.0.5.16 or for a Mac version 1.0.5.05

# **Course Objectives**

# **Course Catalog Description**

This course is designed as preparation for higher level mathematics courses. Topics include the study of linear, quadratic, polynomial, rational, radical absolute value, logarithmic, and exponential functions, relations and inequalities; graphs, basic characteristics, and operations on functions; real and complex zeros of functions; graphing techniques; systems of equations and matrices. The use of mathematical software and calculators is required. See course syllabus for more details. Non-STEM (Science-Technology-Engineering-Mathematics) majors should enroll in MATH 1301, and Business majors should enroll in MATH 1315. Credit may be received for only one of MATH 1301, MATH 1302, or MATH 1315.

# **Learning Objectives and Outcomes**

After completing the course, students should be able to demonstrate the following competencies:

- 1.0 Students will be able to solve algebraic equations and inequalities including linear, quadratic, rational, radical, and absolute value equations and inequalities.
- 2.0 Students will be able to work with lines in the rectangular coordinate system, including identifying characteristics such as slope and connecting lines to their equations.
- 3.0 Students will be able to use functions in both a procedural and a conceptual manner. They will be able to represent functions graphically, numerically, algebraically, and/or verbally.
- 4.0 Students will be able to evaluate, graph and determine characteristics of polynomial and rational functions.
- 5.0 Students will be able to evaluate, graph and determine characteristics of logarithmic and exponential functions and solve logarithmic and exponential equations.
- 6.0 Students will be able to solve systems of equations and inequalities, interpreting the meaning of the solution(s) and demonstrating graphical solution techniques when appropriate. They will also be able to perform matrix operations (including multiplication), find matrix inverses and find determinants.

### **Course Competencies**

- 1.0 To demonstrate competency in solving equations and inequalities, a student should be able to:
  - 1.1 Solve linear equations and inequalities.
  - 1.2 Solve rational equations.
  - 1.3 Solve equations involving radicals.
  - 1.4 Solve absolute value equations and inequalities.
  - 1.5 Solve quadratic equations and inequalities using factoring, square root property, completing the square, the quadratic formula, and substitution. Include complex solutions.
  - 1.6 Use the discriminant to describe solutions to quadratic equations.
  - 1.7 Solve applied problems involving linear, rational, radical, absolute value, and quadratic equations.
- 2.0 To demonstrate competency in working with lines in the rectangular coordinate system, a student should be able to:
  - 2.1 Define the parts of the rectangular coordinate system.
  - 2.2 Graph lines using points, intercepts, and slope.
  - 2.3 Find the slope of a line and interpret slope as an average rate of change.
  - 2.4 Use slope to determine parallel and perpendicular lines.
  - 2.5 Write the equation of a line given points, slope, or intercepts.
- 2.0 To demonstrate competency in basic relations and functions, and operations on functions, a student should be able to:
  - 2.1 Define and identify relations and functions.
  - 2.2 Determine the domain and range of a function.
  - 2.3 Evaluate functions using function notation.
  - 2.4 Determine the intervals for which a function is increasing, decreasing, or constant.
  - 2.5 Determine the intervals for which a function is continuous.
  - 2.6 Find the average rate of change between two values of a function.
  - 2.7 Use functions to model data.
  - 2.8 Identify characteristics of, evaluate, and graph linear, nth-root, and absolute value functions.
  - 2.9 Identify characteristics of and evaluate piecewise-defined functions.
  - 2.10 Graph basic functions using translations.
  - 2.11 Determine whether a function is even or odd.
  - 2.12 Find the sum, difference, product, and quotient of functions.
  - 2.13 Determine the difference quotient.
  - 2.14 Find the composition of functions and determine the effect on domain.
- 3.0 To demonstrate competency in polynomial and rational functions, a student should be able to:
  - 3.1 Determine domain and range.
  - 3.2 Identify increasing, decreasing, and constant functions.
  - 3.3 Graph quadratic functions.
  - 3.4 Find and use the vertex of a quadratic function in an application.
  - 3.5 Use long division and synthetic division algorithms for polynomials.
  - 3.6 Determine zeros and factors of functions using a variety of algebraic techniques.
  - 3.7 Determine the value of a polynomial function using the remainder theorem.
  - 3.8 Sketch the graph of a polynomial function.
  - $3.9 \quad \text{Use the intermediate value theorem for polynomial functions}.$
  - 3.10 Determine the asymptotes of a rational function.
  - 3.11 Sketch the graph of a rational function.
  - 3.12 Create a polynomial function given zeros of the function.
- 4.0 To demonstrate competency in exponential and logarithmic functions, a student should be able to:
  - 4.1 Identify characteristics and determine the inverse of a function.
  - 4.2 Evaluate exponential and logarithmic functions.
  - 4.3 Expand and condense expressions using logarithmic properties.
  - 4.4 Relate logarithmic and exponential functions.

- 4.5 Determine the graphs of logarithmic and exponential functions.
- 4.6 Solve exponential and logarithmic equations.
- 4.7 Solve problems consisting of exponential and logarithmic applications.
- 5.0 To demonstrate competency in systems of equations and matrices, a student should be able to:
  - 5.1 Solve linear and non-linear systems of equations using algebraic techniques.
  - 5.2 Solve systems of equations using Cramer's Rule and determinants.
  - 5.3 Determine the solution of a system of inequalities.
  - 5.4 Relate solving equations and inequalities to linear programming applications.
  - 5.5 Solve application problems using systems of equations.
  - 5.6 Apply properties of matrices and perform basic operations.

### **Course Policies**

# **Drop Policy**

If you withdraw from the course for any reason, you must follow University procedures. It is your responsibility to execute these procedures correctly and within the deadlines. Instructors are unable to drop students. The Math Department Office can help with the withdrawal process. We strongly recommend that you drop the course if you are significantly behind in completing the required assignments. Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/aao/fao).

### **Accommodations and Americans with Disabilities Act**

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

The Office for Students with Disabilities, (OSD) <a href="www.uta.edu/">www.uta.edu/</a> disability or calling 817-272-3364. Counseling and Psychological Services, (CAPS) <a href="www.uta.edu/caps/">www.uta.edu/caps/</a> or calling 817-272-3671.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

### **Grade Grievances**

Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog. For undergraduate courses including this one, see <a href="http://catalog.uta.edu/academicregulations/grades/#undergraduatetext">http://catalog.uta.edu/academicregulations/grades/#undergraduatetext</a> .

#### Title IX

The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit <a href="https://www.uta.edu/titlelX">uta.edu/eos</a>. For information regarding Title IX, visit <a href="https://www.uta.edu/titlelX">www.uta.edu/titlelX</a>.

### **Academic Integrity**

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. This course includes a zero tolerance policy for academic dishonesty and students are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. **Students found guilty of cheating will receive a grade of "F" for the course.** 

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)

# **Student Support Services**

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to <a href="mailto:resources@uta.edu">resources@uta.edu</a>, or view the information at <a href="mailto:www.uta.edu/resources">www.uta.edu/resources</a>.

#### **Electronic Communication**

UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <a href="http://www.uta.edu/oit/cs/email/mavmail.php">http://www.uta.edu/oit/cs/email/mavmail.php</a>.

# **Student Feedback Survey**

At the end of each term, students enrolled in classes categorized as "lecture," "seminar," or "laboratory" shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <a href="http://www.uta.edu/sfs">http://www.uta.edu/sfs</a>.

### **Final Review Week**

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

# **Emergency Exit Procedures**

Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

# **Emergency Phone Numbers**

In case of an on-campus emergency, call the UT Arlington Police Department at **817-272-3003** (non-campus phone), **2-3003** (campus phone). You may also dial 911. We further recommend that you enter the UTA Police Department's emergency phone number into your own mobile phone. For non-emergencies, contact the UTA PD at 817-272-3381.

# **Student Intellectual Property Rights Statement**

A student shall retain all rights to work created as part of instruction or using university technology resources.