

Open Educational Resources

[Michelle Reed](#), Open Education Librarian

<https://libguides.uta.edu/utacares>

UTA Libraries



Open Educational Resources (OER)

Free educational
materials
shared
to allow for
reuse and revision



[“Open = free + permissions” by Michelle Reed \(CC BY 2.0\)](#)



Support for Open Education

- Help you discover OER appropriate for your courses and learning outcomes
- Help you customize OER to best meet your students' learning needs
- Help you publish your own OER and understand how to legally and ethically use third-party content
- Disseminate and archive your OER
- Help you develop course assignments that empower students to create content that benefits the greater public
- Connect you with colleagues in your discipline who are using, creating, and collaborating on OER
- Provide financial and technical support for OER projects



Discover OER

- Open Textbook Library
- OER Commons
- Other open repositories

Contact your subject librarian for assistance locating OER or get started on your own at <https://libguides.uta.edu/oer>



Antoinette Nelson



Ben Huseman



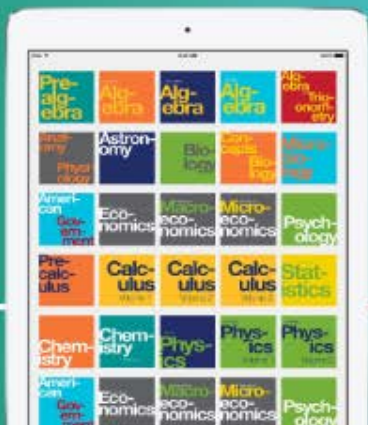
Beverly Carver



Mitch Stepanovich

Improving access

*38 free and open
textbook library*



Science

Anatomy and Physiology
Astronomy
Biology
Chemistry 2e.
Chemistry: Atoms First 2e.
College Physics
Concepts of Biology
Microbiology
University Physics
College Physics - Polish ver.

Social Studies

American Government 2e.
Introduction to Sociology 2e.
Principles of Economics 2e.
Principles of Macroeconomics 2e.
Principles of Microeconomics 2e.
Psychology

Humanities

U.S. History

Math

Algebra and Trigonometry
Calculus

Elementary Algebra
Intermediate Algebra
Introductory Statistics
Pre-algebra
Precalculus

Business

Business Ethics
Introduction to Business
Introductory Business Statistics
Principles of Accounting 1 & 2
Organizational Behavior
Entrepreneurship
Business Law
Principles of Management
Additive Manufacturing

General Ed

College Success

High School

AP Biology
AP Physics
AP Prin. of Macroeconomics 2e.
AP Prin. of Microeconomics 2e.



①
2012

A
2013

GROWING
2014

OPEN
2015

TEXTBOOK
2016

LIBRARY
2017

577
BOOKS
2018

Image provided by the Open Textbook Library – browse open textbooks at <https://open.umn.edu/opentextbooks/>



Advanced Search

Title	<input type="text" value="Title"/>
Author	<input type="text" value="Author"/>
Subject	<input type="text" value="Select Subject (373)"/>
Source	<input type="text" value="Select Source (91)"/>
Link	<input type="text" value="Link"/>

Search



GENESEO

[Report an Issue with OASIS](#)

Search

Advanced Search



Modify or Create OER



Mavs Open Press

Open Educational Resources from the University of Texas at Arlington

Mavs Open Press, operated by the University of Texas at Arlington Libraries (UTA Libraries), offers no-cost services for UTA faculty, staff, and students who wish to openly publish their scholarship. The Libraries' program provides human and technological resources that empower our communities to publish new open access journals, to convert traditional print journals to open access publications, and

to create or adapt open educational resources (OER). Resources published by Mavs Open Press are openly licensed using Creative Commons licenses and are offered in various e-book formats free of charge. Optional print copies may be available through the UTA Bookstore or can be purchased through print-on-demand services, such as Lulu.com. Contact us at pressbooks@uta.edu.

<https://uta.pressbooks.pub/>

Replace \$\$\$ Textbooks

- Free textbooks for high-enrollment courses
- Remixed, localized versions of existing OER

Training, Outreach, Distance Ed

- Manuals, guides, handbooks
- Proceedings and gray literature

Public Domain Anthologies

- Anthologies of older work
- Government docs or other public material

Student & Community Authored

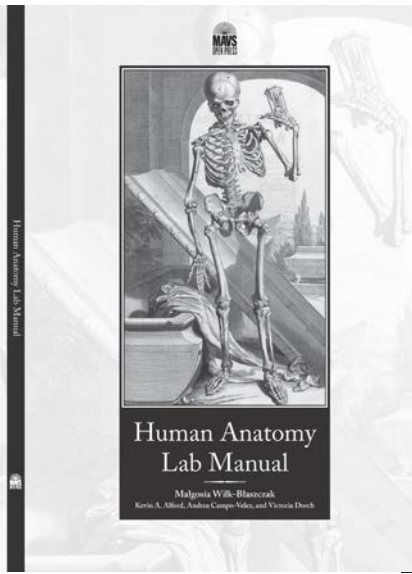
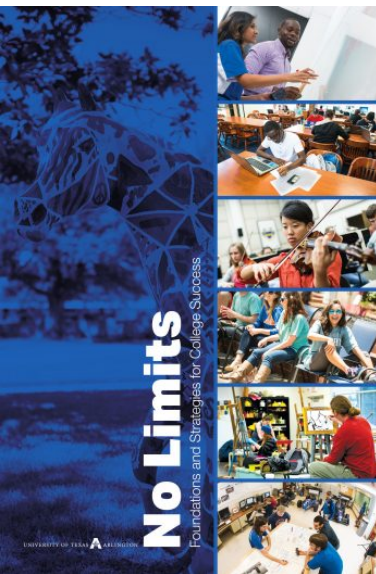
- University-community partnerships
- Student writing, class projects, e-portfolios

Modify or Create OER

PB PRESSBOOKS

The screenshot displays the Pressbooks editor interface. At the top right, a red header bar contains the text "Hello, Michelle Reed" and "Screen Options". Below this, the main editing area is titled "Edit Chapter" and includes a "Permalink" field with the URL "https://uta.pressbooks.pub/sandbox/chapter/formatting-text/". The main content area shows a heading "Formatting Text" followed by a bulleted list: "Simple organizational structure for easy navigation", "12 point for body text and 9 point for footnotes", and "Headings and Titles (under the paragraph tab)". A floating toolbar is visible over the text, showing options for Paragraph, Heading 1 through 6, and Preformatted. On the left, a sidebar menu lists various editing options such as "Organize", "Book Info", "Appearance", "Export", "Publish", "Plugins", "Media", "Users", "Tools", "Settings", "HSP Content", and "Collapse menu". On the right, a "Part" dropdown is set to "Introduction to Pressbooks", and the "Status & Visibility" section includes checkboxes for "Show in Web", "Require a Password", "Show in Exports", and "Show Title". A "Revisions" section shows 3 revisions, with the latest from Mar 5, 2019. A "Move to Trash" button and a "Save" button are also present.

OER from Mavs Open Press



Creating Online Learning Experiences

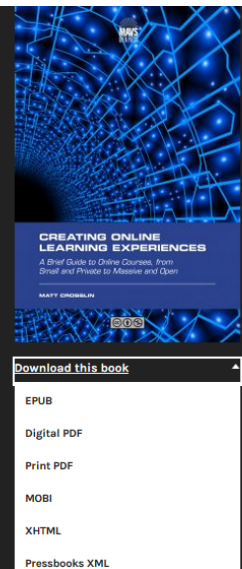
A Brief Guide to Online Courses, from Small and Private to Massive and Open

Matt Crosslin, et al.

This book provides an updated look at issues that comprise the online learning experience creation process. As online learning evolves, the lines and distinctions between various classifications of courses has blurred and often vanished. Classic elements of instructional design remain relevant at the same time that newer concepts of learning experience are growing in importance. However, problematic issues new and old still have to be addressed. This handbook explores many of these topics for new and experienced designers alike, whether creating traditional online courses, open learning experiences, or anything in between.

Creative Commons Attribution NonCommercial

READ BOOK



UTA CARES Grant Program



The UTA CARES Grant Program, sponsored by UTA Libraries, was established in 2017 to support educators interested in practicing open education through the adoption of OER and, when no suitable open resource is available, through the creation of new OER or the adoption of library-licensed or other free content. Additionally, the program promotes innovation in teaching and learning through the exploration of open educational practices, such as collaborating with students to produce educational content of value to a wider community.

Funding will be awarded for **Scale** and **Innovation Grants** in Spring 2019. Additionally, applications for **Adoptions Stipends** will be accepted and awarded on a first-come, first-served basis for eligible projects until allocated funding is depleted. All awards are competitive.

Adoption Stipend

Scale Grant

Innovation Grant

Adoption stipends of \$1,000 are available to instructors of record teaching credit-bearing courses during the 2019-20 academic year.

Apply Now

The submission period for the UTA CARES grant program ends March 31, 2019.

Apply Now

-  [Preview Application Form \(PDF\)](#)

Other Funding Sources

UTA

UTA's College of Science awarded its first OER grant in Summer 2018 through the Improving Student Success in Science Program. Interested faculty and staff are encouraged to contact their department and college to inquire about the availability of funding to support the transition to open resources that eliminate financial

Applications received from:

- Economics
- Curriculum and Instruction
- Civil Engineering
- Industrial, Manufacturing, & Systems Engineering
- English
- History
- Modern Languages
- Sociology
- Anthropology
- Kinesiology
- Biology
- Earth & Environmental Sciences
- Mathematics
- Psychology
- Social Work
- English Language Institute



Pictured from left to right are Rebecca Mauldin, Bonnie Boardman, Scott Palmer, Kim Brewer, and Aida Allen.

UTA Libraries awards five OER grants

June 6, 2019 – ARLINGTON, TX

The University of Texas at Arlington Libraries is pleased to announce six new recipients of the UTA CARES Grant Program. Since 2017, the Libraries has offered these grants to the UTA community to encourage educators to replace commercial course materials with open educational resources (OER) or other content available at no cost to students. The Libraries' \$18,000 investment in the grants will yield actual cost savings of just under \$80,000 during the first year the OER are used, impacting almost 500 UTA students enrolled in engineering, social work, history, mathematics, and anthropology courses.

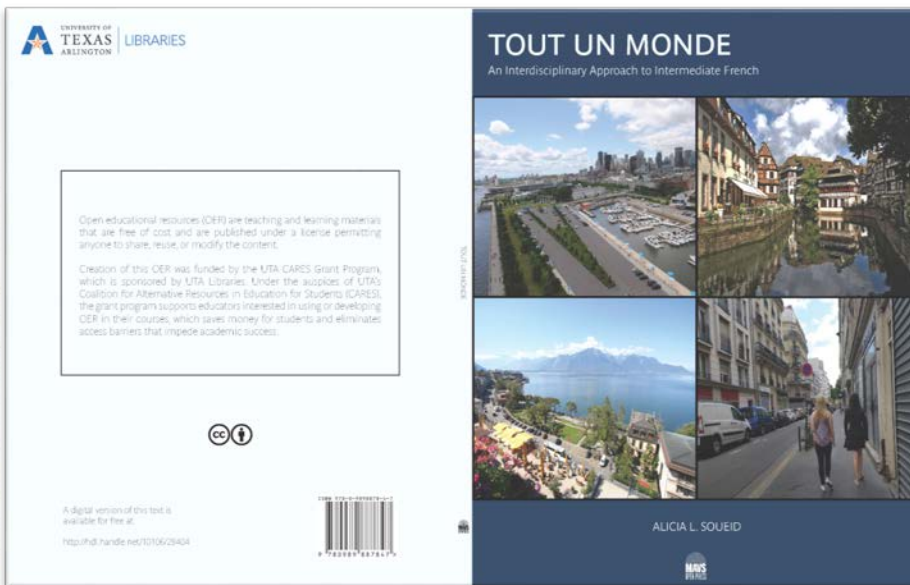
<https://libguides.uta.edu/utacares/recipients>

OER from Mavs Open Press

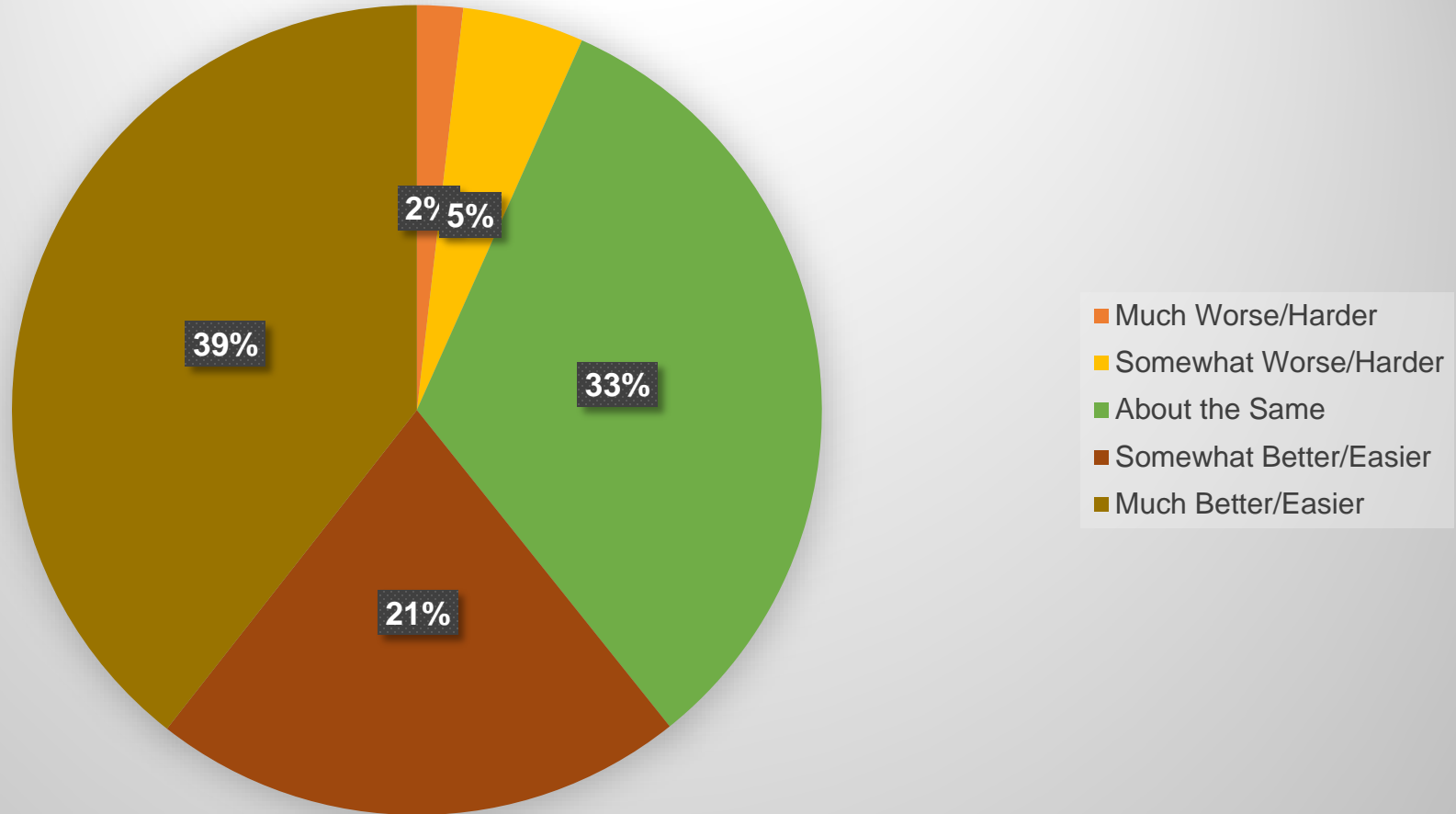
APPLIED FLUID MECHANICS

LAB MANUAL

Habib Ahmari
Shah Md Imran Kabir



Average Scores: Quality and Ease of Use





“The textbook given to us this semester was absolutely amazing. It gave all the information we needed very clearly and made it interesting to learn with the modern examples and cool extra facts about France obtaining to our lesson.”

“Madame Soueid is awesome and she wrote a really engaging and fun french book!”

“The book provided for the course was very helpful and well written. Because it was very specific for the class, the book was extremely useful.”



“Very great resources and relevant to course. Low cost materials helped focus more on learning rather than worrying about how to pay for the education coming from different resources that may cost money, which helped the grade overall.”

“I am very delighted that UTA is moving towards free or reduced-cost textbooks that are online. I am a low-income student and these resources help me greatly.”



“Among her findings, students with loans had a more positive perception of the OER, and in this particular course, students using this OER did better than students who had used a traditional textbook in her same course the prior semester.”

<https://pressbooks.education/news/2018/08/university-of-texas-at-arlington-kicks-off-oer-program-with-eight-books-in-development/>



“The statistical analysis showed that the grades of the students who used the OER as reference material were higher than those of the students who had the same instructor the previous semester but were taught using traditional teaching materials. Teaching with OER also reduced the amount of time spent by students on the course, which indirectly reduced the cost of their education. The results of this study signify the effectiveness of the OER in enhancing engineering education.”

Quoted from Dr. Habib Ahmari’s final report: <http://hdl.handle.net/10106/28408>



Spring 2019 Student Surveys

- 284 students completed survey.
- **98%** of the students said the quality of their UTA CARES course materials was better than (48%) or the same as (50%) traditional commercial resources; 2% said the quality was worse.
- **97%** of the students said ease of access of their UTA CARES course materials was easier than (52%) or the same as (45%) traditional commercial resources; 3% said access was more difficult.
- We asked if this kind of resource use would impact future enrollment decisions. **77%** said yes & that they're more likely to enroll in a course using open/free materials. 5% said they'd prefer a course with traditional resources. 15% said it depends & 3% said doesn't matter.



Spring 2019 Student Surveys

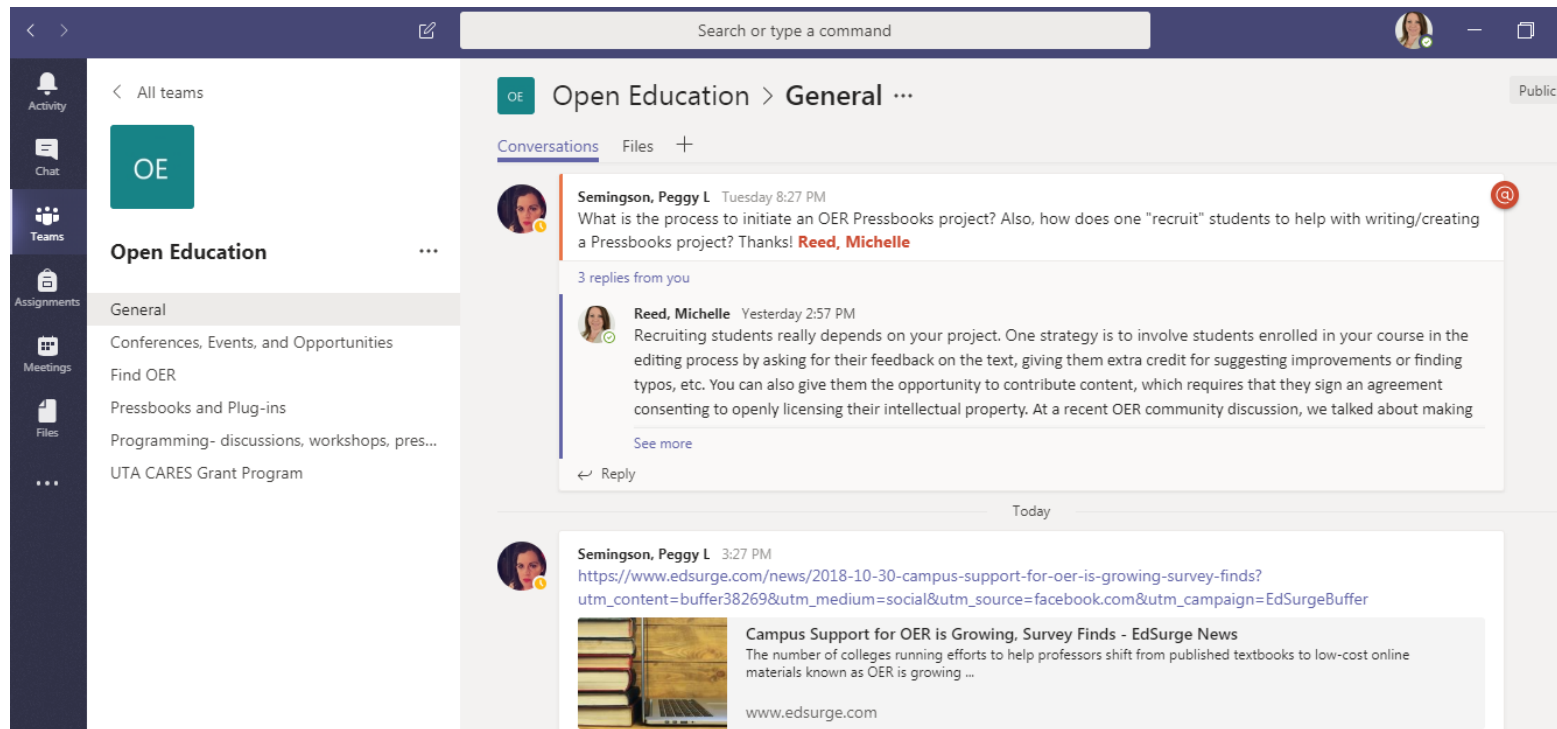
- Appreciation for format options (increases student agency)
- Appreciation for customization of content (increases efficiency)
- Appreciation for cost savings (increases affordability + student success)
- Significant encouragement for continuing and expanding the program



Spring 2019 Student Surveys

- “This had been my best semester here at UTA thanks to [my professor] and her giving us free access to the online book.”
- “This is a fantastic program that should be more wide-spread throughout the university and departments.”
- “It is great, I hope many more classes are like this.”
- “You go, y'all.”

Open Education in Microsoft Teams



The screenshot shows a Microsoft Teams interface. On the left is a navigation pane with icons for Activity, Chat, Teams, Assignments, and Meetings. The 'Teams' section is expanded to show the 'Open Education' team, with a sub-menu listing: General, Conferences, Events, and Opportunities, Find OER, Pressbooks and Plug-ins, Programming- discussions, workshops, pres..., and UTA CARES Grant Program. The main area displays a chat window for the 'Open Education' team, specifically the 'General' channel. The chat history shows a message from Peggy L Semingson asking about the process for an OER Pressbooks project. Michelle Reed replies with advice on recruiting students. Below this, a 'Today' separator is followed by a message from Peggy L Semingson sharing a link to an EdSurge News article titled 'Campus Support for OER is Growing, Survey Finds'.

Search or type a command

Open Education > General ... Public

Conversations Files +

Semingson, Peggy L Tuesday 8:27 PM
What is the process to initiate an OER Pressbooks project? Also, how does one "recruit" students to help with writing/creating a Pressbooks project? Thanks! **Reed, Michelle**

3 replies from you

Reed, Michelle Yesterday 2:57 PM
Recruiting students really depends on your project. One strategy is to involve students enrolled in your course in the editing process by asking for their feedback on the text, giving them extra credit for suggesting improvements or finding typos, etc. You can also give them the opportunity to contribute content, which requires that they sign an agreement consenting to openly licensing their intellectual property. At a recent OER community discussion, we talked about making [See more](#)

← Reply

Today

Semingson, Peggy L 3:27 PM
https://www.edsurge.com/news/2018-10-30-campus-support-for-oer-is-growing-survey-finds?utm_content=buffer38269&utm_medium=social&utm_source=facebook.com&utm_campaign=EdSurgeBuffer

Campus Support for OER is Growing, Survey Finds - EdSurge News
The number of colleges running efforts to help professors shift from published textbooks to low-cost online materials known as OER is growing ...
www.edsurge.com

<https://bit.ly/2z180c1>

Reporting Free Resource Use

▼ Additional Search Criteria

Meeting Start Time

Meeting End Time

Days of Week

Mon Tues Wed Thurs Fri Sat Sun

Instructor Last Name

Class Nbr ?

Course Keyword ?

Minimum Units

Maximum Units

Course Component

Session

Mode of Instruction

Campus

Location

Course Attribute

Course Attribute Value

Resources should be reported before the first day of registration whenever possible, generally:

Fall & Summer Courses - April 15

Spring Courses - October 15

<https://libguides.uta.edu/utacares/report>

Thank You!

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