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Collaborating to Support Student Success: Exploring Free e-Text Access at Illinois State University

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COLLABORATING TO SUPPORT STUDENT SUCCESS: EXPLORING FREE E-TEXT ACCESS AT ILLINOIS STATE UNIVERSITY

Julie Murphy, Collection Assessment Librarian Mallory Jallas, Student Success Librarian Anne Shelley, Scholarly Communication Librarian



- INTRODUCTION
- TEXTBOOK AFFORDABILITY AT ISU
- CONNECTION TO STUDENT SUCCESS
 Anne Shelley
- PROJECT BACKGROUND
 - Julie Murphy
- PRELIMINARY PROJECT FINDINGS & NEXT STEPS

Mallory Jallas

INTRODUCTION

Image: Note of the sector of

TEXTBOOK AFFORDABILITY AT ILLINOIS STATE UNIVERSITY

ISU TEXTBOOK AFFORDABILITY COMMITTEE

- Academic Senate, Mixed Representation
- Student and Faculty Surveys
- Presentations
- Website











Workshops for Faculty

Partnership with Center for Teaching, Learning, and Technology Outreach

Presentations Individual Meetings OER Working Group

> Formalize Library OER Support

TEXTBOOK AFFORDABILITY AND STUDENT SUCCESS

TEXTBOOK AFFORDABILITY AND STUDENT SUCCESS

- The cost of textbooks is rising with the increasing cost of higher education
- Growing body of literature focusing on impact of open educational resources, access to course text, and student success
- Impact of COVID-19 and student access to course materials
 - Additional costs and challenges

TEXTBOOK AFFORDABILITY AND STUDENT SUCCESS @ ISU

• Spring 2019 ISU Student Survey:

- 73% of students did not acquire a required textbook due to cost
- 89% of students delayed purchasing a textbook due to cost
- Students use a variety of sources to acquire textbooks:

• 7% use Milner Library

STUDENT SUCCESS @ ISU

- Summer 2020 New Interim AVP for Student Success
- Goal is to develop a campus-wide student success plan (Fall 2021)
 - Affordability is key
 - Recent data citing that the most common reason for students to leave ISU is financial
 - Reducing barriers for students
 - Focus on policies and practices that are inequitable
- Milner Library is viewed as a partner in these efforts

PROJECT BACKGROUND AND IMPLEMENTATION

CARLI COUNTS PROGRAM

- CARLI (Consortium of Academic and Research Libraries in Illinois) Counts Program
- Demonstrating the impact that Milner Library can have on student success at Illinois State University
- Textbook Affordability concerns
- Mitigating COVID impacts on ISU students
 - Physical access to course reserve books
 - Financial impact of the pandemic on students and families

ERESOURCE CONSIDERATIONS

• The eBooks for this project should:

- Be available for institutional license
- Offer COUNTER compliant statistics
- Provide a consistent user experience

• We preferred two platforms:

- Ebook Central
- EBSCO eBooks

IDENTIFYING CLASSES

- Obtained textbook data
- Searched each textbook for availability with an institutional license, flagged available titles

A	В	С	D	Ε	F	G	н	I	J	к	
2540 MAT	268	001	Undergraduate Rsch		5						
2541 MAT	302	001	Tch Math in Mid Sch		17						
2542 MAT	309	001	Number Theory ML Tch		8						
2543 MAT	312	001	Prob&Stat Midsch Tch		7 T	EXTBOOK	REQ	DATA & PROBABILITY CONNECTIONS	9780131449220	PERKOWSKI	PH
2544 MAT	320	001	History Mathematics		28 T	EXTBOOK	REQ	EPISODIC HISTORY OF MATHEMATICS	9780883857663	KRANTZ	MATH ASSN
2545 MAT	324	001	Seminar St Tchr Math		8						
2546 MAT	324	002	Seminar St Tchr Math		0						
2547 MAT	336	001	Adv Abstract Algebra		7						
2548 MAT	347	001	Adv Real Analysis		9 T	EXTBOOK	REQ	INTRO TO ANALYSIS	9780486650388	ROSENLICHT	DOVER
2549 MAT	349	001	Complex Analysis		3 T	EXTBOOK	REQ	COMPLEX VARIABLES AND APPLICATIONS	9780073051949	BROWN AND CHURCHILL	MCGRAW HILL
2550 MAT	351	001	Stats & Data Analysi		8 T	EXTBOOK	REQ	BNDL: Mathematical Statistics w/Applic Web	9780357004791		Cengage
2551 MAT	351	002	Stats & Data Analysi		10 T	EXTBOOK	REQ	MODERN MATHEMATICAL STATISTICS W/APP	9781461403906	DEVORE	SPRINGER-V
2552 MAT	352	001	Prob & Stat Infer Ed		29 T	EXTBOOK	REQ	Introduction to the Practice of Statistics	9781464158971	Moore, McCabe, Craig	WH Freeman
2553 MAT	353	001	Regress & Time Serie		13 T	EXTBOOK		APPLIED LINEAR REGRESSION MODELS (REV)(KUTNER	MCG
2554 MAT	353	001	Regress & Time Serie		13 T	EXTBOOK	REQ	TIME SERIES ANALYSIS W/APPLICATIONS IN	9780387759586	CRYER	SPRINGER-V
2555 MAT	355	001	Gen Linear Models		8 T	EXTBOOK	REQ	GENERALIZED LINEAR MODELS WITH EXAMPLE	9781441901170	DUNN AND SMYTH	SPRINGER
2556 MAT	356	001	Statistical Computng		9 T	EXTBOOK	REQ	HANDBOOK OF STATS ANALYSES USING R	9781482204582	EVERITT & HOTHORN	TAYLOR & FRA
2557 MAT	356	001	Statistical Computng		9 T	EXTBOOK	REQ	HANDBOOK OF STATISTICAL ANALYSES USING	9781584883692	LANDAU	CHAPMAN
2558 MAT	356	001	Statistical Computng		9 T	EXTBOOK	REQ	HANDBOOK OF STATS ANALYSES USING SAS	9781584887843	DER & EVERITT	TAYLOR & FRA
2559 MAT	362	001	Linear Optimization		3						
2560 MAT	380	001	Actuarial Models I		7 T	EXTBOOK		Actuarial Mathematics for Life Contingent Ris		Dirkson	Cambridge Un
2561 MAT	384	001	Actuarial Models IV		10 T	EXTBOOK			9781119523789	KLUGMAN, PANJER, WILMOT	WILEY
2562 MAT	384	001	Actuarial Models IV		10 T	EXTBOOK		Intro to Ratemaking & Loss Reserv for Prop &		Brown & Lennox	Actex
2563 MAT	402	001	Inst Strat Mid Sch T		2 T	EXTBOOK		5 PRACTICES FOR ORCHESTRATING PROD MAT		STEIN	NCTM
2564 MAT	407	001	Abstract Algebra I		6 T	EXTBOOK	REQ	ABSTRACT ALGEBRA	9781111569624	HUNGERFORD	WAD
2565 MAT	409	001	Alg & Combinat K-8	and the second se	1						
2566 MAT	442	001	Quantitative Biomath		5 T	EXTBOOK	REQ	MODELING INFECTIOUS DISEASES IN HUMANS	9780691116174	KEELING AND ROHANI	PRINCETON U
2567 MAT	450	001	Finite Sampling		6 T	EXTBOOK			9780470402313	Steven K. Thompson	John Wiley an
2568 MAT	456	001	Multivariate Statist		7 T	EXTBOOK	REQ	APPLIED MULTIVARIATE STATISTICAL ANALYS	9780134995397	JOHNSON & WICHERN	PEARSON
2569 MAT	461	001	Adv Topics Discrete		4						
2570 MAT	480	001	Apps Actuarial Prins		1 T	EXTBOOK		Fundamentals of General Insurance Actuaria		Jacqueline Friedland	Society of Act
2571 MAT	480	001	Apps Actuarial Prins		1 7	EXTBOOK		PROBLEM-SOLV.APPROACH TO PENSION FUN		AITKEN	ACTEX
2572 MAT	480	001	Apps Actuarial Prins		1 T	EXTBOOK	REC	Actuarial Aspects of Individ Life Insur & Annu		Harris and Easton	Acted Publicat
2573 MAT	480	001	Apps Actuarial Prins		1 7	EXTBOOK	REC	Group Insurance	9781566986137	William F. Bluhm	Actex Publicat
2574 MAT	499	001	Master's Thesis		1						
2575 MAT	499	002	Master's Thesis		1						
2576 MAT	582	001	History Math Ed Curr		5 T	EXTBOOK	REQ	A HISTORY OF SCHOOL MATHEMATICS VOL.1	9780873534710	STANIC & KILPATRICK	NCTM, Reston
2577 MAT	585	001	Topics Math Ed Sem		5						

RANKING CANDIDATES & RECRUITMENT

Identified classes that would work well with our criteria
Ranked classes based on student savings vs. Library cost

ACQUISITIONS & CATALOGING CONSIDERATIONS

• The eBooks for this project should:

- Be available for institutional license
- Be purchased via GOBI and not directly from the vendor/platform
- Offer licensing options that support usage for the entire class, typically unlimited or nonlinear
- Be discoverable in the library Catalog

IMPLEMENTATION

• Timeline issues

• 52 course sections enrolled, 75 titles provided

More than 2941 students impacted

Placed access links in course Sakai pages

ACCESS SERVICES & REFERENCE CONSIDERATIONS

• The eBooks for this project should:

- Be provided directly to the course instructor
- Be accessible to students in the LMS
- Be discoverable in the library catalog

• We will fold in all that we learned to enhance our next project.

PRELIMINARY PROJECT FINDINGS & NEXT STEPS

MEASURING THE IMPACT OF THIS WORK

Quantitative: usage statistics, cost/use, and value-based calculations

- Sample cost analysis:
 - XX Course 149 students enrolled, unlimited eBook cost for library: \$94.42, campus bookstore price for student: \$67.95, student savings: \$10,124.55, benefitcost ratio: 107

Qualitative: surveys and focus groups with student and faculty participants

- Sample survey questions:
 - How did having these eBook(s) provide impact your success in this course? (student)
 - Do you think that access to the provided eBook(s) impacted the grades or retention of any students in your course? (faculty)

INITIAL FINDINGS: FOCUS GROUPS

• Faculty Focus Groups:

- Benefits: Day 1 access, contributed to equity in the classroom, cost savings for students, convenience of access impacted teaching – all students on the same page
- Challenges: E-text learning curve, more screen time for students screen fatigue during the pandemic, concerns about reading comprehension

• Student Focus Groups:

- Benefits: Cost savings, alleviating textbook stress, keyword searching, annotation tools
- Challenges: WIFI issues impact access, eyestrain, timeout issues, lack of OCR, DRM restrictions for printing and downloading chapters

INITIAL FINDINGS: SURVEY

- Faculty Survey (n=34):
- 71% of faculty respondents indicate that their opinion of Milner's resources has improved due to their use of this provided e-book.
- Student Survey (n= 509):
- 67.6% of student respondents indicate that their opinion of Milner has improved due to their use of this provided e-book.
- 60.9% of student respondents indicate that they would be "very likely" to register for a class with a library-provided ebook in the future, and 34.7% are "somewhat likely." Only 4.4% of respondents say they would be somewhat or very unlikely to.
- When asked about a future course offering sections using digital textbooks or traditional textbooks, 18% indicate a preference for the traditional print book, 53% indicate a preference for the e-book, and 28% report no preference between them.

NEXT STEPS: ASSERTING THE VALUE OF THIS WORK & CARRYING IT FORWARD

- Finalizing our project analysis & writing up our findings
- Communicating the project within our institution & externally
- Continuing to develop workflows to systematically approach the acquisition, maintenance, promotion, and ongoing assessment of assigned ebooks
- Nurturing campus-wide partnerships to support textbook affordability
- Expanding the narrative of the library's contributions to positively impacting student success

THANK YOU! QUESTIONS?

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