

Open Educational Resources

for Faculty Senate at Virginia Tech

Anita Walz

Assistant Director of Open Education and Scholarly Communication Librarian

September 29, 2019



VA HB 454 (2018)

2018-19 OER Guidelines Working Group

CUSP

Steven Ellingson, ECE

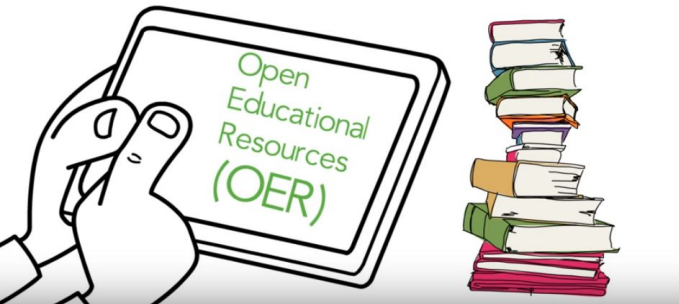
Benjamin Jantzen, PHIL

Gail McMillan, University Libraries

Anita Walz (Chair)

Lizette Zietsman, MATH

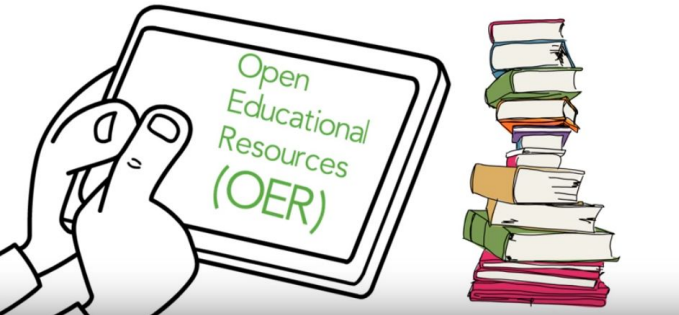
Open Educational Resources (OER) are freely and publicly available teaching, learning, and research resources that reside in the **public domain** or **have been released under an intellectual property license** that permits their free use and re-purposing by others.



-Adapted from the Hewlett Foundation

Formats

- full courses,
- course materials,
- modules,
- textbooks,
- streaming videos,
- tests,
- software, and
- any other tools, materials, or techniques used to support access to knowledge.



Creative Commons Licenses



5 R permissions

Can you . . .

Retain it?

Reuse it?

Revise it?

Remix it?

Redistribute it?

<http://opencontent.org/definition>



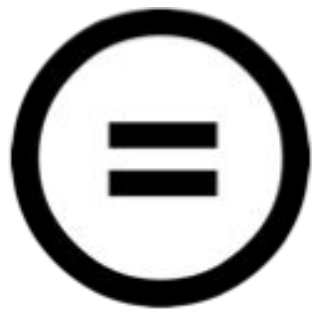
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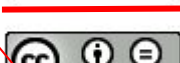


SA



ND

Most open

		Allows adaptation	Allows redistribution	Requires attribution	Eliminates fair use
	PD (no known copyright)	Yes	Yes	No	No
	PD0 / CC0 (donated to public domain)	Yes	Yes	No	No
	CC BY	Yes	Yes	Yes	No
	CC BY SA	Yes-under same license terms	Yes	Yes	No
	CC BY NC	Yes	Yes	Yes	No
	CC BY NC SA	Yes-under same license terms	Yes	Yes	No
	CC BY ND	No	Yes	Yes	No
	CC BY NC ND	No	Yes	Yes	No
	In-Copyright with no additional license or permission	No	No	—	No

Least open



Student Loans	Grants	Laws	Data
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\$5 Million / year

ABOUT ED / OFFICES

Open Textbooks Pilot Program

› Purpose	› Funding Status
› Eligibility	› Laws, Regs, & Guidance
› Applicant Info	› Resources
› Awards	› FAQs
› Performance	› Contacts

Office of Postsecondary Education Home >>

Purpose

Program Office: Fund for the Improvement of Postsecondary Education

CFDA Number: 84.116T

Program Type: Discretionary/Competitive Grants

Also Known As: OTP

Program Description

The Open Textbooks Pilot program supports projects at institutions of higher education that create new open textbooks or expand their use of open textbooks while maintaining or improving instruction and student learning outcomes. This pilot program emphasizes the development of projects that demonstrate the greatest potential to achieve the highest level of savings for students through sustainable, expanded use of open textbooks in high-enrollment courses or in programs that prepare individuals for in-demand fields.

<https://www2.ed.gov/programs/otp/index.html>

How Do I Find...

- Student loans, forgiveness
- College accreditation
- Every Student Succeeds Act (ESSA)
- FERPA
- FAFSA
- 1098, tax forms

More >

Information About...

- Transforming Teaching
- Family and Community Engagement
- Early Learning

Related Topics

- [Higher Education Policy](#)



-  [VIVA Course Redesign Grant RFP 2019](#)

This is the full request for proposals for the second round of VIVA Course Redesign Grants. Proposals are due September 30

-  [VIVA Course Redesign Grant Application](#)

This is the VIVA Course Redesign Grant Application Instructions and Cover Sheet. Applications should be returned as a single word file not exceeding ten pages, inclusive of the required cover sheet but not of the required letter of support.

-  [VIVA Course Redesign Grant Slide Deck](#)

This slide deck has been created to support VIVA members in disseminating information about the Course Redesign Grants.

VIVA Course Redesign Grants

Summaries of the Spring 2019 awarded proposals can be found [here!](#)

Purpose

The goal of the VIVA Course Redesign Grants is to make textbook and course materials free to students by empowering faculty with the resources and time they need to redesign their curricula using open, library, or no cost resources.

Important Dates

The Request for Proposals was released **June 10, 2019**. Applications are due **September 30, 2019**, and award notification will take place on **December 9, 2019**.

Webinars will be held at the following times and include a general introduction to the grants, the application process, and a Q&A:

- July 10, 10:00 am. Register here: <https://vivalib.libcal.com/event/5492630>
- August 29, 11:00 am. Register here: <https://vivalib.libcal.com/event/5492726>
- September 26, 1:00 pm. Register here: <https://vivalib.libcal.com/event/5492759>

Background

The costs of higher education have skyrocketed for students, and textbook rates have inflated at an even greater rate than other expenses. Students are often choosing to not purchase required textbooks or course materials, which has been linked to poorer academic outcomes, degree completion rates, and what majors are chosen at the outset of school.

There are expanding efforts to create open and no-cost alternatives that are tailored to faculty needs. Virginia has been a leader in this arena, with schools across the state working to publish open educational textbooks, provide grants to incorporate open into the classroom, partnering with the Open Textbook Network, and offering z-degrees, where all resources in the degree program are no-cost to students.

These efforts have demonstrated that there are benefits to using open resources beyond saving students money. Student engagement increases, due in part to immediate access to course materials; faculty have more control over the course materials and can tailor them to specific classroom needs; and instructors have the freedom to rethink courses with outcomes-centered approaches, often difficult with a static book.



Apply for a 4-VA grant

What's your project?

GET STARTED

Empowered by 4 initiatives, six universities innovate together

4-VA is a collaborative partnership between six Virginia universities that is powered by 4 initiatives. Our mission is to promote collaborations that leverage the strengths of each partner university and improve efficiencies in higher education across the Commonwealth of Virginia.

LEARN MORE

192+

GRANTS AWARDED TO PROMOTE COLLABORATION WITHIN VIRGINIA

MORE FAST FACTS

4 Initiatives

4-VA brings ideas to life across disciplines, Virginia universities and businesses through its 4 initiatives.

Our function is to put ideas into action—involving innovative collaboration across disciplinary boundaries, among the Virginia system of universities, and between educational and business sectors while achieving the 4 initiatives.

1

Collaborative Research

[Learn More](#)

2

Course Redesign

[Learn More](#)

3

Course Sharing

[Learn More](#)

Open Education: Faculty Open Education Initiative Grants

A "getting started" guide overviewing open, editable, and lower-cost textbooks and open teaching & learning resources for faculty, students, and librarians.

OER Overview	Creative Commons Licenses	Open Textbook Collections	Find OER (by discipline)	Images & Illustrations	Librarian Tool Box
Open Textbook Authoring and Editing	Public Domain	Open Education Week	Faculty Open Education Initiative Grants	Grantees Showcase	
VT Policies					

Open Education Initiative Faculty Grants

Open Education Initiative Faculty Grants (2019-20)

The Virginia Tech Libraries are pleased to announce our fourth year of a new faculty incentive program – **Open Education Initiative Faculty Grants** – to encourage the use, creation, and adaptation of openly licensed information resources to support our students' learning. This effort supports Virginia Tech faculty who are interested in further sharing their original works as open educational resources (OER) as part of the university's land grant mission. This effort also supports faculty who are interested in pursuing adaptation of open education resources and new forms of digital scholarship as alternatives to traditional textbooks and homework software access codes.

2019-20 Deadlines: Applications are accepted by invitation and on November 15, 2019, and February 15, 2020. Awards are anticipated to be announced within three to four weeks. Projects are expected to be completed within 12 months or as otherwise discussed. **Preapplication consultations are required. Please contact arwalz@vt.edu to request a preapplication consultation.**

Virginia Tech faculty are invited to apply to a competitive grant process that will award up to \$3,000 to faculty or faculty groups who submit successful proposals outlining efforts to adopt a new curricular resource strategy. Questions? Please contact Anita Walz arwalz@vt.edu or 540-231-2204

Additional literature on open educational resources and example projects are available within the "OER Overview" tab above or at <http://guides.lib.vt.edu/oer>

Fundamentals of Business



View/Open

Fundamentals of Business (complete).pdf (16.74Mb)
Downloads: 340821

A Preface - Teamwork in Business.pdf (1.281Mb)
Downloads: 15655

Chapter 1 Foundations of Business.pdf (890.9Kb)
Downloads: 13840

Chapter 2 Economics and Business.pdf (1.882Mb)
Downloads: 8706

Chapter 3 Ethics - Social Responsibility.pdf (1.710Mb)
Downloads: 37860

Chapter 4 Business in a Global Environment.pdf (1.996Mb)
Downloads: 16626

Chapter 5 Forms of Business Ownership.pdf (907.4Kb)
Downloads: 132202

Chapter 6 Entrepreneurship - Starting a Business.pdf (1.244Mb)
Downloads: 137349

Chapter 7 Management and Leadership.pdf (1.174Mb)
Downloads: 42904

Chapter 8 Structuring Organizational.pdf (1.101Mb)
Downloads: 14579

Chapter 9 Operations Management.pdf (1.519Mb)
Downloads: 30367

Chapter 10 Motivating Employees.pdf (879.9Kb)
Downloads: 29996

Chapter 11 Managing Human Resources.pdf (1.469Mb)

Fundamentals of Business (2016) is an openly licensed (CC BY NC SA 3.0) textbook designed for use in Virginia Tech's Pamplin College of Business introductory level business course, MGT1104 Foundations of Business.

A new
http://hdl.h

If you are
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Questions'
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Chapter 5:
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Chapter 6:
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Fundamentals of Business, Second Edition



View/Open

Fundamentals-of-Business-2
e (low resolution).pdf (7.130Mb)
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Fundamentals-of-Business-2
e (screen reader friendly).pdf (1
4.76Mb)
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Fundamentals-of-Business-2
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Fundamentals-of-Business-2
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Fundamentals-of-Business-2
e.odf (15.97Mb)
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Chapter-1-Fundamentals-of-
Business-2e.pdf (1.957Mb)
Downloads: 1062

Chapter-2-Fundamentals-of-
Business-2e.pdf (755.4Kb)
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Chapter-3-Fundamentals-of-
Business-2e.pdf (1011.Kb)
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Chapter-4-Fundamentals-of-
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Downloads: 699

Chapter-5-Fundamentals-of-
Business-2e.pdf (1.826Mb)
Downloads: 831

Fundamentals of Business, Second Edition (2018) is a 372-page open education resource intended to serve as a no-cost, faculty customizable primary text for one-semester undergraduate introductory business courses. It covers the following topics in business: Teamwork; economics; ethics; entrepreneurship; business ownership, management, and leadership; organizational structures and operations management; human resources and motivating employees; managing in labor union contexts; marketing and pricing strategy; hospitality and tourism, accounting and finance, and personal finances. The textbook was designed for use in Virginia Tech's Pamplin College of Business introductory level business course, MGT1104 Foundations of Business and is shared under a Creative Commons Non-Commercial ShareAlike 4.0 license.

If you are an instructor reviewing, adopting, or adapting this textbook, please help us understand your use by filling out this form <http://bit.ly/business-interest>.

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DOI: <https://doi.org/10.21061/fundamentals-of-business-vtechworks> (PDF, epub, and other versions)

Permanent handle: <http://hdl.handle.net/10919/84848> (PDF, epub, and other versions)

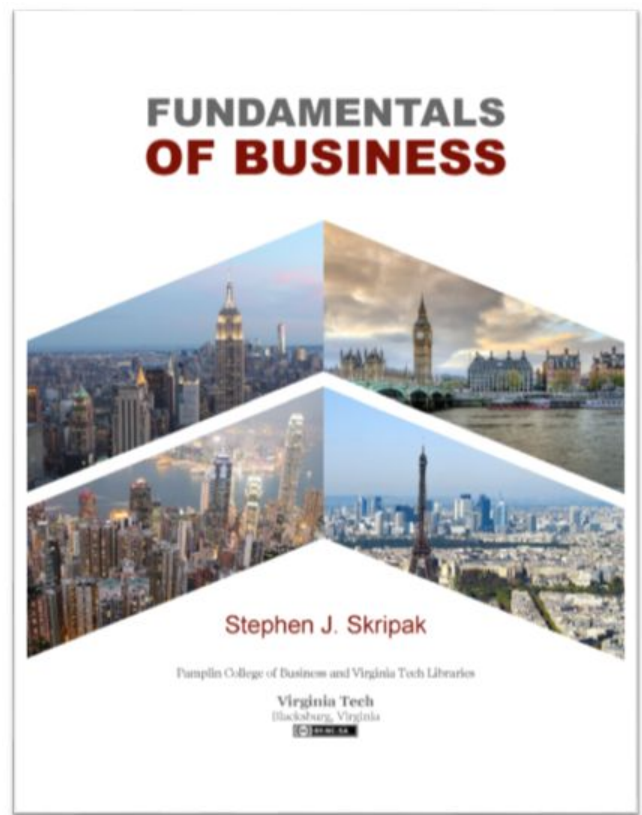
Instructors reviewing, selecting or adapting the text are encouraged to register their use with VT Publishing at in order to stay up to date regarding new volumes and editions, supplements, newly issued print versions, errata, and collaborative development or research opportunities. You may submit comments or report errors using this form. Additional suggestions or feedback may be submitted via email at: publishing@vt.edu Errors, omissions, and additions

If you are an instructor seeking supplementary resources for teaching, please join the listserv for this book, and the resource sharing portal.

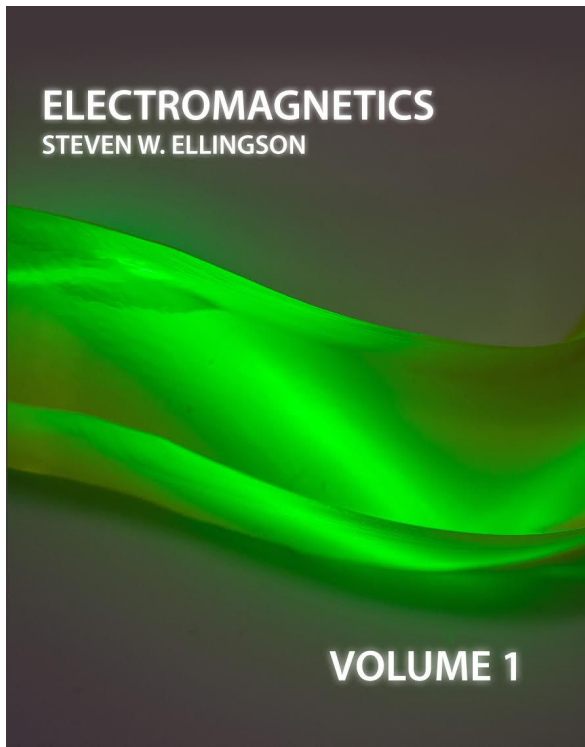
This work is a project of the Pamplin College of Business and University Libraries at Virginia Tech. This work is published by VT Publishing.

What's new? This version of the book, the Second Edition, improves upon the 2016 edition. Improvements include:

- Correction of errata identified in the 2016 compilation and many minor improvements.
- Renumbering of chapters and added front matter.
- Addition of new content: the PESTEL model in Chapter 2, Qualtrax case study in Chapter 7, and substantive revision of Chapter 16 Hospitality and Tourism.
- Addition of desktop and mobile friendly navigation features and interactive self-quizzing (Pressbooks version only).

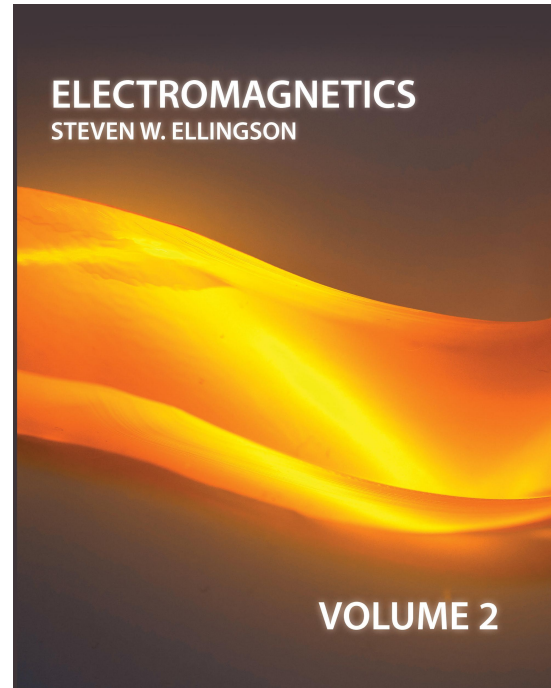


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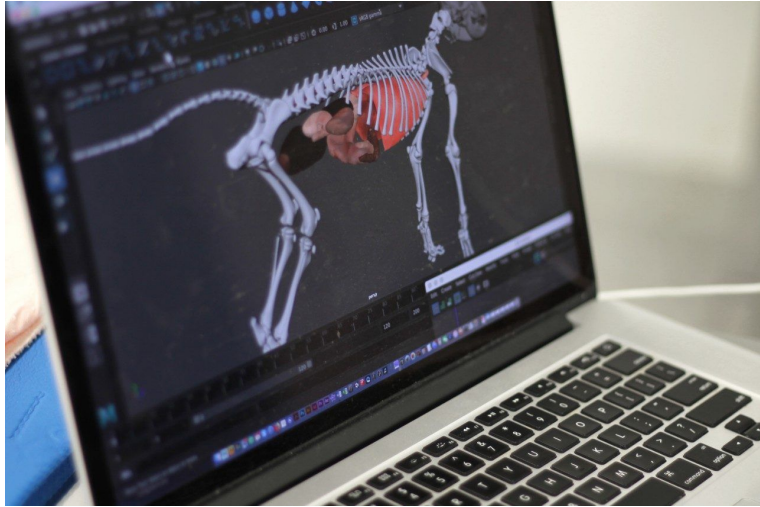
Vol 1: <https://vtechworks.lib.vt.edu/handle/10919/84164>

Vol 2: forthcoming December 2020



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Virtual Reality Dog



<https://guides.lib.vt.edu/vetmed/vranatomy>

- The Normal Canine Video Series

Licensed: CC BY 4.0. Four videos and transcripts demonstrate methods for examining a canine. Disclaimer: The information in this video is intended for educational purposes only and is not meant to take the place of veterinary care or services your canine may need. Please see your veterinarian about any health concerns.



The Normal Canine:

Head and Neck Exam

with Dr. Michael Nappier
Assisted by Courtney Snead

Virginia-Maryland College of Veterinary Medicine &
University Libraries at Virginia Tech

August 2017



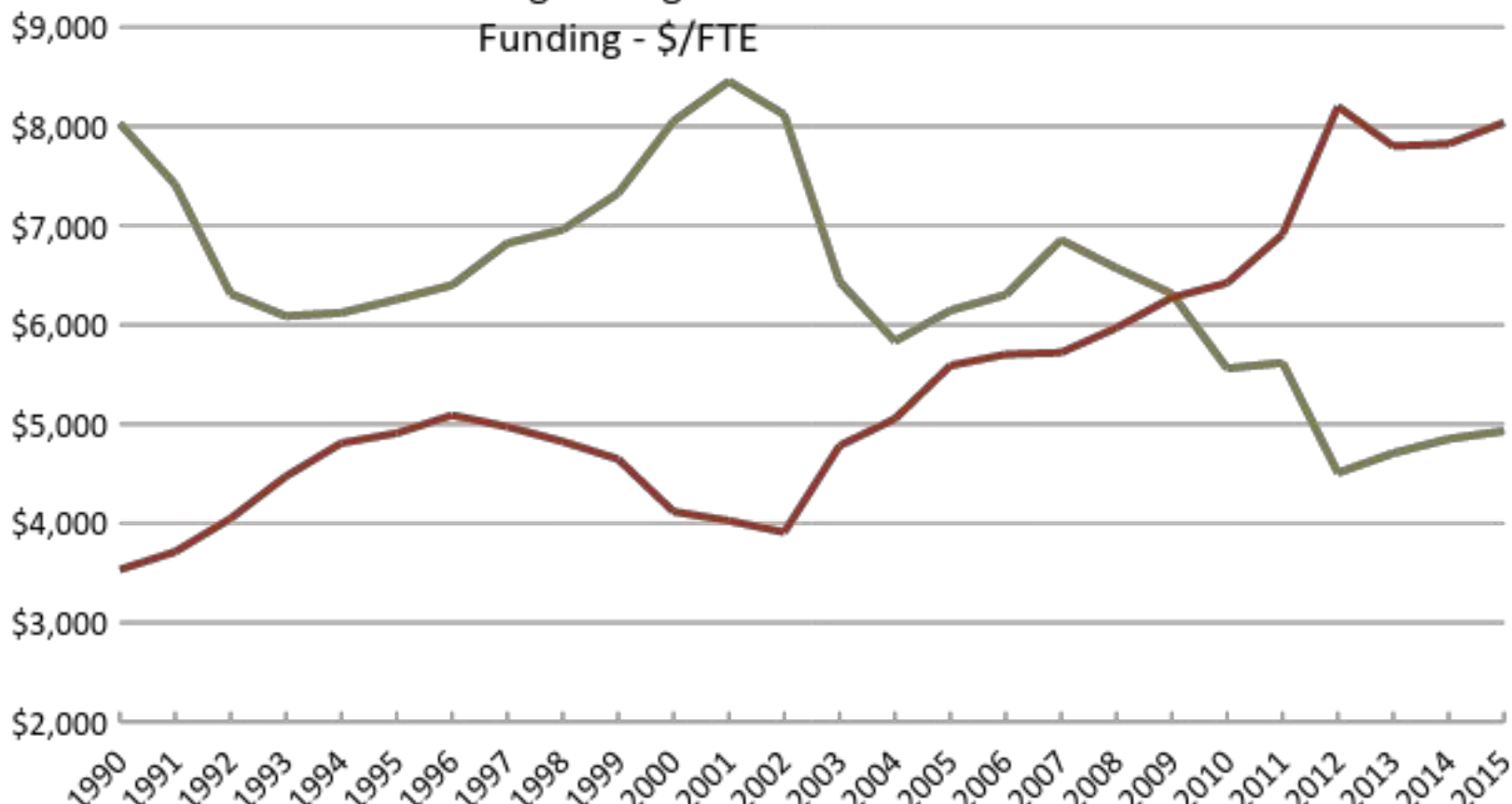
<http://doi.org/10.7294/W4M61HDZ>

Percent Changes 1978 to 2016 for Educational Books, Medical Care, New Home Prices, and the Consumer Price Index

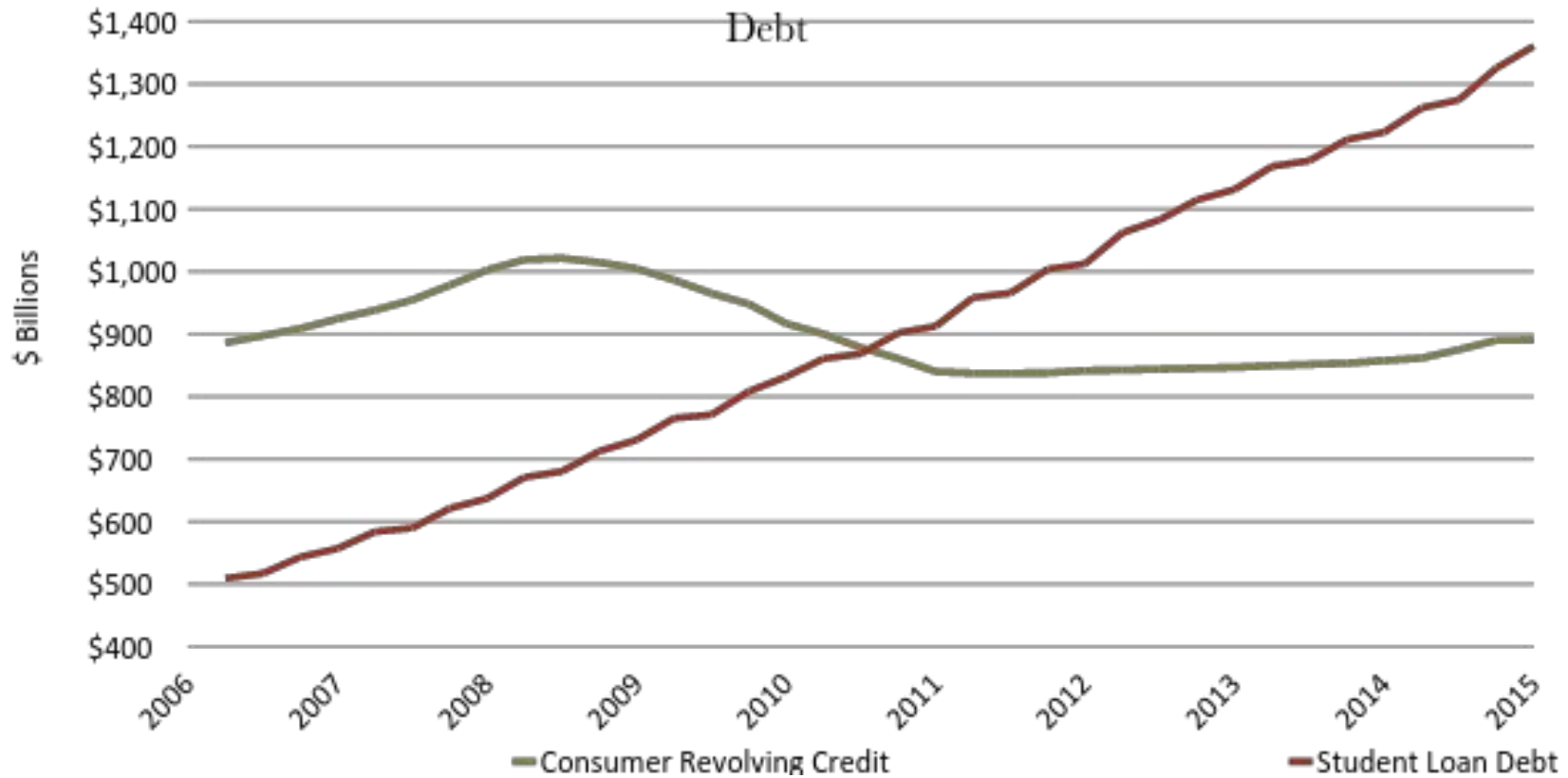


Sources: Bureau of Labor Statistics and Census Bureau

Virginia Higher Education
Funding - \$/FTE



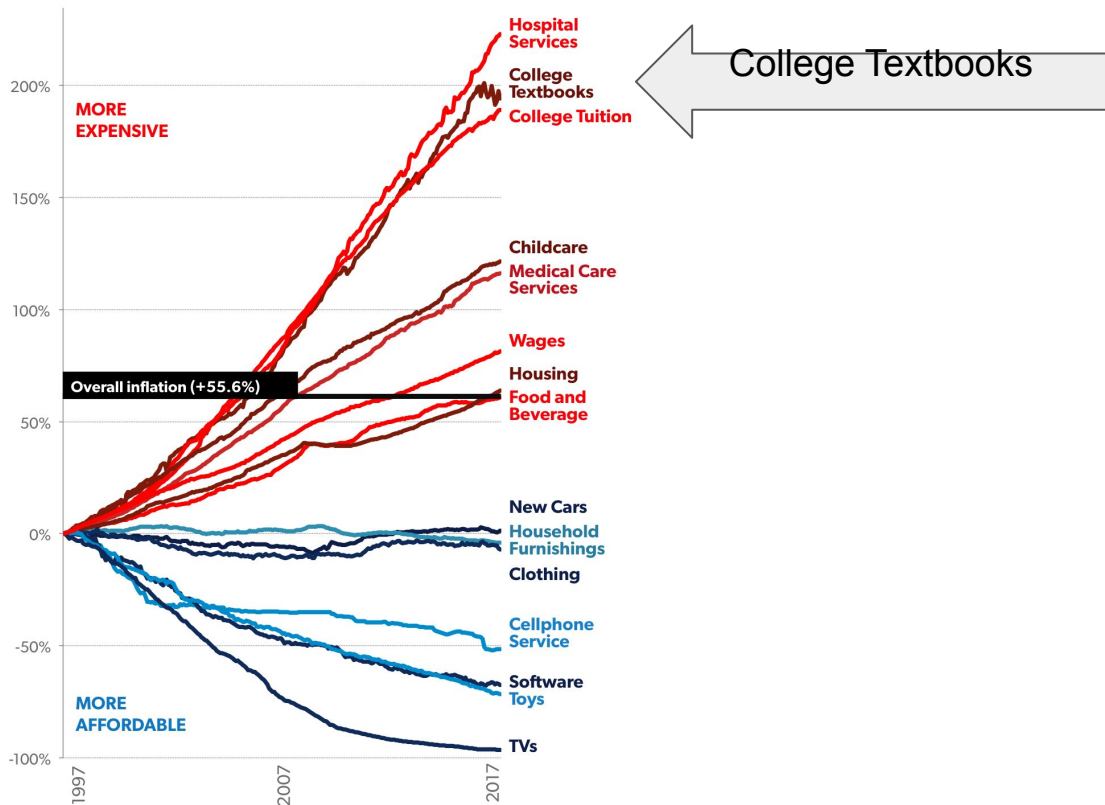
US Debt



Virginia Tech = **\$29,608**
(\$18,840 in 2005)

Price changes (Jan. 1997–Dec. 2017)

Selected US Consumer Goods and Services, and Wages



Source: BLS

Carpe Diem **AEI**

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<https://www.aei.org/carpe-diem/chart-of-the-day-century-price-changes-1997-to-2017/>

What are the academic impacts of learning material costs?

Q: In the course of your college career has the cost of textbooks caused you to:

Florida (2012)	Florida (2016)	VT (2016)	
63.6%	66.6%	73.8%	Not purchase the required textbook
49.1%	47.6%	25.0%	Take fewer courses
34.0%	37.6%	34.3%	Earn a poor grade because I could not afford to buy the book
45.1%	45.5%	24.8%	Not register for a specific course
26.7%	26.1%	19.7%	Drop a course
20.6%	20.7%	8.6%	Withdraw from a course
17.0%	19.8%	7.5%	Fail a course because I could not afford to buy the textbook

Q: Have you ever decided against buying a textbook because it was too expensive?

National (2014)	N=2,039	.628-.672
Virginia Tech (2016)	N=289	.732-.828

VT Study: With 95% confidence, I estimate that *between .0732 (73.2%) and .828 (82.8%) of all surveyed students decided against buying a textbook because it was too expensive.*

National-level study: By contrast, in the national-level study, given a larger sample, "with 95% confidence, they estimate that between .628 (62.8%) and .672 (67.2%) of all surveyed students decided against buying a textbook because it was too expensive."