

# MCO Report on Open Educational Resources Usage

Summer 2017

College	Course Number	Course Title	# of Students Enrolled	Title of Open Textbook	Open Textbook Provider	Cost of Commercial Textbook (new at the bookstore)	Total Cost Savings (using \$100 cost/text)	Total Cost Savings (using new text)
Alpena				No OER Usage				
Bay	BIOL 213	Anatomy and Physiology I	7	Anatomy and Physiology	Open Stax	\$342.75	\$700.00	\$2,399.25
	COMM 201	Mass Communications	30	Understanding Media and Culture	UMN	\$202.85	\$3,000.00	\$6,085.50
	ECON 131	Microeconomics	12	Principles of Microeconomics	Open Stax	\$405.00	\$1,200.00	\$4,860.00
	ECON 132	Macroeconomics	18	Principles of Macroeconomics	Open Stax	\$405.00	\$1,800.00	\$7,290.00
	ENGL 101	Rhetoric and Composition	33	Rhetoric & Composition by Bay College	Bay College	\$93.00	\$3,300.00	\$3,069.00
	ENGL 102	Research Writing	30	The Process of Research Writing	Bay College	\$66.00	\$3,000.00	\$1,980.00
	ENGL 150	Intro to Literature	21	Intro to Literature	Lumen	\$109.00	\$2,100.00	\$2,289.00
	FYE 103	Career Exploration	2	Career Exploration by Bay College	Bay College	\$118.00	\$200.00	\$236.00
	GEOG 110	Physical Geography	11	Encounter Physical Geography	Porter	\$172.20	\$1,100.00	\$1,894.20
	MATH 110	College Algebra	19	College Algebra	Open Stax	\$153.25	\$1,900.00	\$2,911.75
	MATH 210	Introduction to Statistics	4	Introductory Statistics	Open Stax	\$84.50	\$400.00	\$338.00
	SOCY 151	Sociology	37	Introduction to Sociology	Open Stax	\$95.00	\$3,700.00	\$3,515.00
	SOCY 207	Social Problems	18	No book required	n/a	\$0.00	\$1,800.00	\$0.00
<b>Totals</b>			<b>242</b>				<b>\$24,200.00</b>	<b>\$36,867.70</b>
Delta				No OER Usage				
Glen Oaks				No OER Usage				
Gogebic				No OER Usage			\$0.00	\$0.00
Grand Rapids	AS 102	Introductory Astronomy	24	Astronomy	Open Stax	\$147.00	\$2,400.00	\$3,528.00
	AS 103	Descriptive Astronomy	75	Astronomy	Open Stax	\$147.00	\$7,500.00	\$11,025.00
	BA 207	Business Law I	153	Government Regulation and the Legal Environment of Business	Saylor Academy	\$252.00	\$15,300.00	\$38,556.00
	BA 208	Business Law 2	50	Advanced Business Law and the Legal Environment	Saylor Academy	\$252.00	\$5,000.00	\$12,600.00
	BA 254	Introduction to Statistics with Applied Models	56	Custom edition	LAD Custom Publishing	\$133.00	\$5,600.00	\$7,448.00
	BI 121	Human Anatomy & Physiology 1	168	Anatomy & Physiology	Open Stax	\$176.00	\$16,800.00	\$29,568.00

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	BI 122	Human Anatomy & Physiology 2	144	Anatomy & Physiology	Open Stax	\$176.00	\$14,400.00	\$25,344.00
	BI 151	Intro to Cells, Molecules & Genes	72	Biology	Open Stax	\$93.00	\$7,200.00	\$6,696.00
	CHM 130	General Chemistry I	72	Chemistry	Open Stax	\$174.00	\$7,200.00	\$12,528.00
	CHM 140	General Chemistry II	36	Chemistry	Open Stax	\$193.00	\$3,600.00	\$6,948.00
	HS 249	US History through Reconstruction	86	US History	Open Stax	\$136.00	\$8,600.00	\$11,696.00
	HS 250	US History from Reconstruction to the Present	86	US History	Open Stax	\$136.00	\$8,600.00	\$11,696.00
	MA 131	Precalculus	35	Precalculus	Open Stax	\$231.00	\$3,500.00	\$8,085.00
	MA 215	Statistics	50	Statistics 3rd ed.	openintro.org	\$218.00	\$5,000.00	\$10,900.00
	PH 125	College Physics I	108	College Physics	Open Stax	\$313.00	\$10,800.00	\$33,804.00
	PH 126	College Physics II	40	College Physics	Open Stax	\$281.00	\$4,000.00	\$11,240.00
	PL 201	Introduction to Philosophy	180	various websites	NA	\$220.00	\$18,000.00	\$39,600.00
	TH 248	Introduction to Theater	101	Theatrical Worlds (Author: Mitchell)	University Press of Florida	\$155.00	\$10,100.00	\$15,655.00
	<b>Totals</b>		<b>1536</b>				<b>\$153,600.00</b>	<b>\$296,917.00</b>
<b>Henry Ford</b>				No OER Usage				
<b>Jackson</b>	No report received							
<b>Kalamazoo Valley</b>	No report received							
<b>Kellogg</b>				No OER Usage				
<b>Kirtland</b>	BIO 107	Essentials of Anatomy & Physiology	13	Anatomy & Physiology	Open Stax	\$49.95	\$1,300.00	\$649.35
	BIO 250	Human Anatomy	11	Anatomy & Physiology	Open Stax	\$65.70	\$1,100.00	\$722.70
	BIO 251	Human Physiology	11	Anatomy & Physiology	Open Stax	\$65.70	\$1,100.00	\$722.70
	<b>Totals</b>		<b>35</b>				<b>\$3,500.00</b>	<b>\$2,094.75</b>
<b>Lake Michigan</b>				No OER Usage				

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Lansing	BIOL 127	Cell Biology	18	Biology	OpenStax College	\$139.50	\$1,800.00	\$2,511.00
	BIOL 128	Organismal Biology	10	Biology	OpenStax College	\$124.25	\$1,000.00	\$1,242.50
	BIOL 270	Human Genetics	16	Biology	OpenStax College	\$110.00	\$1,600.00	\$1,760.00
	ECON 201	Principles of Economics-Microeconomics	158	Principles of Economics	OpenStax College	\$78.00	\$15,800.00	\$12,324.00
	ECON 202	Principles of Economics-Macroeconomics	79	Principles of Economics	OpenStax College	\$78.00	\$7,900.00	\$6,162.00
	ENG 121	Composition I	10	Writing Spaces	<a href="https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=45">https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=45</a>	52	\$1,000.00	\$520.00
	HIST 212	U.S. History: 1877 to Present	50	American Yawp	<a href="http://www.americanyawp.com/">http://www.americanyawp.com/</a>	155.5	\$5,000.00	\$7,775.00
	MATH 106	Math Literacy with Review	19	Prealgebra	<u>OpenStax College</u>	\$78.00	\$1,900.00	\$1,482.00
	PHIL 151	Intro to Logic & Critical Thinking	45	<a href="https://drive.google.com/file/d/0B-rkbctcWjo30FhGODNSYTZPMVU/view">https://drive.google.com/file/d/0B-rkbctcWjo30FhGODNSYTZPMVU/view</a>	<u>Intro to Logic &amp; Critical Thinking</u>	\$110.00	\$4,500.00	\$4,950.00
	PSYC 200	Introduction to Psychology	195	Psychology	<u>OpenStax College</u>	\$154.00	\$19,500.00	\$30,030.00
	PSYC 202	Psychology of Personality	22	Personality Theory	<a href="https://www.oercommons.org/courses/personality-theory-a-multicultural-perspective">https://www.oercommons.org/courses/personality-theory-a-multicultural-perspective</a>	\$202.00	\$2,200.00	\$4,444.00
	SOCL 120	Introduction to Sociology	102	Introduction to Sociology 2nd Edition	OpenStax College	\$171.00	\$10,200.00	\$17,442.00
<b>Totals</b>			<b>724</b>				<b>\$72,400.00</b>	<b>\$90,642.50</b>
Macomb	No report received							
Mid Michigan	PSC 101	Intro. To Astronomy	12	Astronomy	OpenStax	\$100.00	\$1,200.00	\$1,200.00
<b>Totals</b>			<b>12</b>				<b>\$1,200.00</b>	<b>\$1,200.00</b>
Monroe	No report received							
Montcalm	No report received							

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<b>Mott</b>	SOCY-191	Introduction to Sociology	125	Sociology	OpenStax	\$103.00	\$12,500.00	\$12,875.00
	SOCY-194	Human Sexuality	45	Instructor provided materials	Instructor provided materials	\$209.95	\$4,500.00	\$9,447.75
	HIST-151	World History to 1500	19	World History: Cultures, states, and societies to 1500	University of Georgia (adapted by instructor)	\$95.25	\$1,900.00	\$1,809.75
	ENGL-101	English Composition I	99	Various instructor selected open and library resources		\$105.50	\$9,900.00	\$10,444.50
	ENGL-102	English Composition II	13	Various instructor selected open and library resources		\$98.00	\$1,300.00	\$1,274.00
	MUS-183	World Music and Culture	22	Various instructor selected open and library resources		\$191.95	\$2,200.00	\$4,222.90
<b>Totals</b>			<b>323</b>				<b>\$32,300.00</b>	<b>\$40,073.90</b>
<b>Muskegon</b>	No report received							
<b>North Central</b>	No report received							
<b>Northwestern</b>	COM 111	Public Speaking	21	Public Speaking: The Virtual Text	Lumen learning		\$2,100.00	\$21.00
	ENG 112	English Composition	20	Self-authored			\$2,000.00	\$20.00
	HST 111	U.S. History	18	U.S. History	OpenStax		\$1,800.00	\$18.00
	HST 230	A History of Michigan	29				\$2,900.00	\$29.00
	PSY 250	Abnormal Psychology	65	<a href="#">Abnormal Psychology Libguide (mix of open and library resources)</a>	Compiled by the instructor and NMC librarians and hosted on Libguide		\$6,500.00	\$65.00
<b>Totals</b>			153				<b>\$15,300.00</b>	<b>\$153.00</b>
<b>Oakland</b>				No OER Usage				
<b>Schoolcraft</b>	ENG 102	English Comp 2	312		Various Resources	\$77.30	\$31,200.00	\$24,117.60
	HIST 134	Ancient World	92			\$212.50	\$9,200.00	\$19,550.00
	HIST 151	Early America- U.S. History	54			\$79.25	\$5,400.00	\$4,279.50
	HIST 153	Contemporary America- U.S. History	43			\$79.25	\$4,300.00	\$3,407.75
	Math 047	Pre-algebra	29	Prealgebra	OpenStax/OnlineHomework Manager	\$211.25	\$2,900.00	\$6,126.25
	Hum 106	Intro Art and Music	100			(no previous commercial text)	\$10,000.00	\$100.00
<b>Totals</b>			<b>630</b>				<b>\$63,000.00</b>	<b>\$57,734.10</b>

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<b>Southwestern</b>								
	Biol 098	Cell biology for health careers	19	Concepts of	Openstax		\$1,900.00	
	Biol 214	Basic human anatomy	18	Anatomy & Physiology	Openstax		\$1,800.00	
	Biol 215	Principles of human physiology	30	Anatomy & Physiology	Openstax		\$3,000.00	
<b>Totals</b>			<b>67</b>				<b>\$6,700.00</b>	
<b>St. Clair</b>	BIO 271	Anatomy & Physiology I	22	Anatomy & Physiology	<a href="https://cnx.org/contents/14fb4ad7-39a1-4eee-ab6e-3ef2482e3e22">https://cnx.org/contents/14fb4ad7-39a1-4eee-ab6e-3ef2482e3e22</a>	\$312.00	\$2,200.00	\$6,864.00
	BIO 271 lab		22	Instructor created lab manual	Instructor	\$59.50	\$2,200.00	\$1,309.00
	BIO 272	Anatomy & Physiology II	19	Anatomy & Physiology	<a href="https://cnx.org/contents/14fb4ad7-39a1-4eee-ab6e-3ef2482e3e22">https://cnx.org/contents/14fb4ad7-39a1-4eee-ab6e-3ef2482e3e22</a>	\$312.00	\$1,900.00	\$5,928.00
	BIO 272 lab		19	Instructor created lab manual	Instructor	\$59.50	\$1,900.00	\$1,130.50
<b>Totals</b>			<b>82</b>				<b>\$8,200.00</b>	<b>\$15,231.50</b>
<b>Washtenaw</b>	No report received							
<b>Wayne County</b>	No report received							
<b>West Shore</b>	MTH121	Intermediate Algebra	9	optional Introductory and Intermediate Algebra	MyOpenMath	\$150.00	\$900.00	\$1,350.00
	MTH151	College Algebra	12	no book at all	MyOpenMath	\$150.00	\$1,200.00	\$1,800.00
<b>Totals</b>			<b>21</b>				<b>\$2,100.00</b>	<b>\$3,150.00</b>
<b>Grand Totals</b>			<b>3,825</b>				<b>\$382,500.00</b>	<b>\$544,064.45</b>