

MOOCReport



발표자: 석사 과정 양완평 2018-08-07



Microcredentials ?

A microcredential is any one of a number of new certifications that covers more than a single course but is less than a full degree. They offer students and work professionals alike a way to build up their resumes field-specific skills.

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Microcredentials on the Market Today



Disadvantages

- The role of microcredentials will play in higher education and workforce development is not clear.
- Microcredentials haven't establish internal consistency within the various types of microcredentials yet, so it will be hard to help both learners and employers to find value in these new certifications.

Advantages

 The value in credentials that are smaller than degrees, especially as it begins to coalesce around models with recognizable features, structures, and meaning.



Microcredentials in Aggregate

Microcredential Type	Average Price	Average # Month to Complete (Minimum) ^[2]	ns Average Minimur Effort Per Week	m Number Included in the Analysis ^[3]
Coursera Specialization	\$245.51	5	3 hours	243
edX XSeries	\$267.62	5	5 hours	30
FutureLearn Program	\$540.33	4	4 hours	28
edX Professional Certificate	\$542.51	5	3 hours	56
Kadenze Program	\$700.00	3	9 hours	17
Udacity Nanodegree	\$887.03	4	10 hours	27
edX MicroMasters	\$962.98	9	6 hours	46
Coursera MasterTrack	\$2,596.67	5	6 hours	3
Coursera Professional Certificate	\$3,121.99	6	9 hours	3
FutureLearn				
Graduate Certificate	\$8,626.98	7	Not given	7
FutureLearn Graduate Diploma	\$17,504.40	12	Not given	2



Common point

- -be structured as a series of courses, requiring less than a year (usually around 6 months) to complete, with prices ranging from a few hundred to a few thousand dollars
- -Learners can choose to pay for each course individually, or can pay upfront for the full series at a slight discount.
- -Most (though not all) microcredentials cover work-relevant subjects such as business, computer science, and data analysis.



Microcredentials in Aggregate

Some potential to receive university credit for programs Coursera Specialization associated with particular degree programs (e.g. the iMBA from the University of Illinois) edX XSeries No for-credit options FutureLearn Program Some include options to earn university credit At least 2 offer some option for professionals of a certain edX Professional Certificate background to earn credit Some include options to earn university credit Kadenze Program Udacity Nanodegree No for-credit options Almost all MicroMasters include options to earn credit (or become eligible for accelerated completion) towards particular edX MicroMasters master's degree programs All MasterTrack programs include an option to earn credit Coursera MasterTrack towards a particular degree program Two of the three Professional Certificate programs currently Coursera Professional Certificate available offer options to earn credit towards a degree FutureLearn Graduate Certificate Both of these microcredentials are "for-credit" in the Australian and Graduate Diploma system of postgraduate credentials



A summary of the microcredentials that offer some possibility of earning university credit.



Variability in Microcredentials

Microcredential Type	Price Range	Range of Minimum # Months to Complete	Lowest Minimum Effort Per Week	Highest Maxin Effort Per Wee
Coursera Specialization	\$27 – \$636	1-15	1 hour	40 hours
edX XSeries	\$90 – \$594	2-10	1 hour	10 hours
FutureLearn Program	\$147 – \$1,685	2-12	2 hours	6 hours
edX Professional Certificate	\$68 – \$2,340	1-15	1 hour	13 hours
Kadenze Program	\$300 - \$900	2-7	6 hours	12 hours
Udacity Nanodegree	\$199 – \$2,400	1-8	5 hours	15 hours
edX MicroMasters	\$536 – \$1,500	3-15	2 hours	20 hours
Coursera MasterTrack	\$2,000 – \$3,474	4-6	4 hours	15 hours
Coursera Professional Certificate	\$406 – \$5,980	4-8	8 hours	10 hours
FutureLearn Graduate Certificate	\$6,406 – \$11,613	6-12	Not given	Not given
FutureLearn Graduate Diploma	\$15,320 – \$19689	12	Not given	Not given

These ranges demonstrate the vast differences between even microcredentials that carry the same brand name.



	Business Analysis	Artificial Intelligence
	3 months	3 months
Udacity Nanodegree	\$599	\$799
	10 hours/week	12-15 hours/week
	To Hours, Week	12 13 Hours, Week
	5 4-week courses (est. 5 months)	
		5 4-week courses (est. 4 months)
Coursers Consistingtion	7	\$49/month, est. \$196
Coursera Specialization	\$79	4
	_	3-6 hours/week
	1-6 hours/week	
	1 course, 4 weeks	0.6 wook courses I final project
	•	9 6-week courses + final project
edX Professional		(est. 1 year)
Certificate	\$60	\$990
Certificate	300	
	1-2 hours/week	8-16 hours/week

Looking at a single subject, there is little consistency across the different types of microcredentials when it comes to length, price, and level of effort required.

Problems

- With so much variability, how would a prospective learner choose among the various options?
- Without a detailed understanding of these options, how would an employer interpret or compare these microcredentials when they come up on a resume?

Summary

In summary, this analysis points to a lack of consistency among microcredentials, making it difficult to compare them or interpret their significance, for prospective learners and employers alike.



- An Ivy League MOOC-based Computer Science Degree for Non-CS Majors
- 11th MOOC-based online degree:

Master of Computer and Information Technology (MCIT):

MCIT is a graduate degree for students without a computer science background, though you still need to have a bachelor's degree of some sort to be accepted into the program.

- CIT 591 Introduction to Software Development
- CIT 592 Mathematical Foundations of Computer Science
- CIT 593 Introduction to Computer Systems
- CIT 594 Data Structures & Software Design
- CIT 595 Computer Systems Programming
- CIT 596 Algorithms & Computation

The MCIT degree program costs a total of \$26,300 (\$25,000 (tuition) + \$1,300 (fees) and take anywhere between 20 to 40 months. The offline counterpart of the same degree costs around \$75,000.



■ Y Combinator's Startup School MOOC To Give Out \$10,000 to 100 Companies

Y Combinator (YC): the leading startup incubator has announced its second edition of Startup School MOOC. The MOOC is YC's attempt to scale their investment + mentorship program.

- Last year, over 13,000 companies applied to participate in Startup School and, 95 YC alumni volunteered their time to advise over 2,800 of those companies participating across 141 countries. 1,587 (56%) of the companies completed the course.
- ☐ This time around 100 of the most promising companies that complete the course will receive \$10,000 in equity-free funding.

Case Study

■ Israeli Government To Launch MOOC Platform for Speakers of Hebrew and Arabic

Campus-il: an online learning platform run by Digital Israel, an initiative of the Israeli Ministry of Social Equality.

Goal: to "reduce social gaps, increase the equality of opportunities for different segments of the population, and to provide flexible training solutions for an ever-evolving labor market."

platform	Coursera, edX	Campus-il	
range	Biga few of coursesinternational audiences	 smaller with fewer courses more narrowly defined audiences(Israeli audience) 	
Course name	IsraelX	courses	
Language	English	Hebrew or Arabic.	



■ Israeli Government To Launch MOOC Platform for Speakers of Hebrew and Arabic



- ☐ The platform also includes courses designed to serve underprivileged communities, on topics such as digital literacy and financial literacy.
- The Israeli government can save money by using the Campus-il platform.
- Campus-il is currently in a pilot phase, with an official launch planned for the end of 2018 or early 2019. However, the site is already live, and new courses are being added as they become available, with approximately 50 courses currently available.

Ten Most Popular MOOCs Starting in August 2018

MOOC Tracker

MOOC Tracker was created to solve these two problems – rapid growth of courses and unpredictable schedules. It is a notification/reminder service for MOOCs.

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