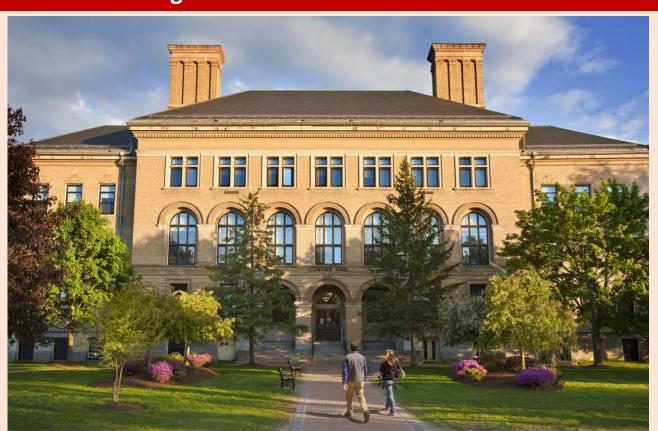# Stanford University to offer
Introduction to Logic
for High School Teachers at UMass Lowell

Learn to teach Stanford's IntroLogic in High Schools
June 29 - July 3, 2020
http://intrologic.stanford.edu/teachercamp/

A free Stanford-developed curriculum that can be taught as a standalone course or embedded in a course. Suitable for grades 9-12. The course addresses the *Data, Algorithms, and Programming & Development* standards in Massachusetts' 2016 Digital Literacy and Computer Science framework, and the *Data & Analysis and Algorithms & Programming* standards in CSTA's 2017 K-12 Computer Science Standards.

Logic is to Computer Science as Calculus is to Physics. So far, this essential mathematical training is not available to programmers being trained in high schools.

The course is well-tested as it has been taught at Stanford University for over twenty years, and it is now offered as a MOOC that has attracted over 500,000 enrolled students.

The topics covered include propositional logic, relational logic, deduction, and proofs.

Who:

Computer Sciences and Math Teachers

who have knowledge of symbolic manipulation as taught in Algebra and comfort with sets, relations, and functions

When:

June 29 - July 3, 2020

Where:

University of Massachusetts Lowell

Computer Science Department, Dandeneau Hall

Cost:

The tuition for the course is $750. Wherever support is not available through the school district, we are offering a limited number of tuition scholarships. Travel and lodging must be covered separately.

Department of Computer Science
300 Serra Mall, Stanford, CA, 94305
intrologic@lists.stanford.edu