Abstract:
The presentation will draw from my experiences in teaching in academia as well as my experiences in delivering cutting edge technology workshops for professionals. I will lay out my vision for an ideal software engineering curriculum for both, a degree in software engineering, and as part of the curriculum for related degrees such as computer science and information technology. I will list the courses that I am interested in teaching, as well as the courses that fall under my area of expertise. I will, whenever relevant, refer to current course offerings at Department of Computer & Information Sciences at Temple University. I will also briefly present a teaching prototype tool for teaching software engineering that has been used at University of Ottawa since 2010.

Bio:
Omar Badreddin has recently finished a PhD in Software Engineering from University of Ottawa. He was awarded the "Graduate and Postdoctoral Studies Dean's Scholarship". Prior to pursuing his PhD, he has worked with IBM as a software engineer and a technology transfer specialist. Badreddin is passionate about software engineering research and education and has regularly published papers at "Conference on Software Engineering Education and Training" (CSEET) and International Conference on Software Engineering (ICSE). Badreddin maintains strong industrial relationships and believes in the role of industry collaboration as core to software engineering research and education. Mr. Badreddin speaks English, French, and Arabic fluently, and has a working skill in German.