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**Ahlam E.H Tannouri\*** ([ahlam.tannouri@morgan.edu](mailto:ahlam.tannouri@morgan.edu)), Mathematics Department, Morgan State University, 1700 E.Cold Spring, Baltimore, MD 21251. *Designing, Developing and Assessing an Online Mathematics Course*. Preliminary report.

Learning and teaching mathematics has become a prominent topic in mathematics education. The advent of new technology has revolutionized the options available to instructors and students alike. Modes of delivery like Blackboard, MyMathlab and Mathzone, as well as other technologies like Adobe Connect, WebEx, Jing, and YouTube offer new possibilities to facilitate cooperative learning for the enrichment of the mathematical experience. I will share my five years' experience of teaching online undergraduate and graduate mathematics courses, starting with the design and development of a course based on the Quality Matters rubric, and ending with assessment of online education learning outcomes. I will additionally share examples of the modules developed using these technologies to offer further insight into promising practices in this innovative education environment. (Received September 22, 2011)