

## **Vartuyi Manoyan**

College of Arts  
Mathematics Instructor

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### • **Education**

Northeastern Illinois University  
Master of Science in Mathematics May 2006

The University of Istanbul in Turkey  
Bachelor of Science (Mathematics), February 1983

### • **Teaching Experience**

Teaching in the **Northeastern Illinois University**, August 2009-Present

- College Algebra –Math163
- Elementary Functions for Science Students –Math 177
- Statistics in Daily Life –Math 112
- College Algebra for Middle School Teachers –Math 141
- Business Calculus –Math 167
- Quantitative Reasoning –Math 113
- Finite Mathematics for Business –Math 165
- College Algebra –Math 173
- College Algebra –Online –Math 163
- Trigonometry –Math 175
- Pre-Calculus –Math 185

- **Teaching Experience:**

Teaching in the **Wright College**, August 2004-Present

- Beginning Algebra and Math Skills- Math 98
- College Algebra –Math 140
- Finite Mathematics - Math 144
- Intermediate Algebra - Math 099
- General Education Mathematics –Math 118
- Pre-Calculus 143
- Discrete Mathematics-Math 146
- Elementary Statistics-Math 125
- Business Calculus- Math 204

- **Teaching Online Experience**

- Online -Quantitive Reasoning-Math 113, NEIU
- Online - College Algebra for Business-Math 163, NEIU
- Online-Statistics 125, HW
- Online-General Education Math-118, HW

**Math Tutor in the Wright College**

Tutoring all levels of Math, August 2002–May 2004

Tutoring Calculus 208 and 209, August 2004-2006

**Teaching in Armenian High School, in Istanbul**

Taught Algebra, Calculus, Geometry and Analytic Geometry, 1983-2001

**Relevant Graduate Course Work:**

334 Math Statistics I, 336 Math Statistics II, 304 Into Numerical Analysis

365 Statistical Comp Packages, 406 Linear Programming

430 Discrete Math Structures, 443 Experimental Designs  
465 Adv Topic Numerical Analysis  
471 Intro to Stochastic Models, 473 Adv Topic Operation Res: Decision Th  
474 Mathematical Modeling, 495 Projects in Mathematics

### **Beyond Masters**

464 Advanced Topics in Real Analysis (Spring 2008)  
467A Advanced Topics in Algebra: Theory of Groups (Fall 2008)

### **New Learning Methods and Technologies**

#### **MOT Masters Online Teaching Certificate: ION Courses**

Illinois Online Network, Practicum (1/17/2017-3/11/2017)  
Illinois Online Network, Blended-Hybrid Design and Instructions ( 10/17/2016-12/10/2016)  
Illinois Online Network, Student Assessment in Online Courses (6/6/2016-7/30/2016)  
Illinois Online Network, Technology Tools for Online Learning (10/20/2014-12/20/2014)  
Illinois Online Network, Instructional design for Online Course Development (8/25/2014-10/18/2014)  
Illinois Online Network, Online Learning-Overview (08/23/2010-10/16/2010)

### **Workshop Seminar**

20th Annual Chicago Symposium- Excellence in Teaching Mathematics and Science-  
April 13, 2018  
Lecture in Neiu, " Hard problems in Topology " by associate professor Eric Sedgwick,  
De Paul, March 2, 2018  
The Windy City Math-Statistic Workshop-Pearson-February 23, 2018  
The Workshop on Mathematical Statistical Modeling with Applications in Natural So-  
cial Sciences and Finance-NEIU, May 3-5, 2013  
Desire2Learning Workshop, March 1 and March 8, 2013  
Online Instructor Preparation-NEIU Center for Teaching and Learning Online Instruc-  
tor, February, 2011  
The Windy City Math Workshop-Pearson -February 25, 2011  
Raising the bar in Adult Education Seminar, September 13, 2008  
Faculty Development Seminar, May 14-18, 2007

## **Skills**

Proficient using Latex, Word document, Excel, Power Point,

Organizational and problem solving capabilities,

Pedagogy, and Internet Literate,

Using TI Calculator 83-86

Programming in Maple and Sage.

Web Page Design

Using Course Management Systems; Blackboard, and Desire2Learn

Using Publisher Learning Management Systems: MyMathLab, WebAssign, Connect Math,

Using Free Open Source: MyOpenMath