

Getting Started with the Geogebra Application

Name of the Facilitator: Matthew Krebs

Qualifications: Instructor

Provider Name: LearnGeogebra.com

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Program Name: Getting Started with the Geogebra Application

Credit Hours: 12

Program Description

This course explores the basic usages of the Geogebra application and the mechanics of its implementation in the math classroom -which shall include how it fits within Google Sites and Google Classroom. By learning about the available tools and complex strategies of construction students develop skills for creating user-friendly applets and work to create the beginnings of an online portfolio of interactive demonstrations and student made geometric calculators.

Objectives of Program

1. Investigate formatting challenges and select appropriate strategies to eliminate the chance for potential difficulties. 2. Synthesize knowledge of the properties of Geometric Objects with the knowledge of methods of construction to become skilled at the art of construction on the Geogebra Application. 3. Differentiate areas of need and areas of opportunity (from those areas that are not areas of need or opportunity) for creating demonstrations and student made geometric calculators. 4. Design and develop demonstrations and student made geometric calculators that enhance the learning experiences of their students. 5. Develop a system for implementation which will help to facilitate ease of use (by them as teachers and their students.)

Additional Tags:

- Algebra, Geometry, Interactive, Math, Technology

Grade Level:

- High (9 - 12), Intermediate (3 - 5), Middle (6 - 8)

Audience:

- Teacher

Discipline:

- Mathematics

Personnel Evaluation Measures:

- Instruction, Planning, Professionalism

Aligned to Kentucky Professional Learning Standards:

- Implementation, Learning Designs, Outcomes

Session Type: Multiple Sessions**Digital:**

Details:

Date:06/18/2019

Link:<https://learn2geogebra.teachable.com/>

Registration Deadline:

06/17/2019

Link or directions to register:

<https://learn-geogebra.teachable.com/>

Arrangements Required: Yes

Students are encouraged to use an Apple Computer or a PC. Some students use Chromebooks although it is not advised.

Services provided(Follow-up, support, etc.): No**Possible costs(Participation, materials, etc.): Yes**

\$99

EILA Program:**EILA Status:**