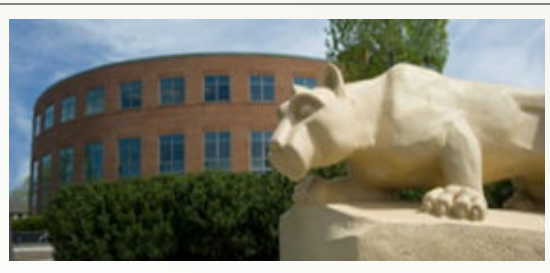


Mathematics Coach Endorsement Program

The Mathematics Coach Endorsement program is a Pennsylvania Department of Education approved program offered via online formats or on-campus. The program documents knowledge in new and emerging areas where formal certification does not exist. The program is intended to improve a teacher's mathematics content knowledge, instructional strategies, and leadership skills to support the professional growth of colleagues and promote high-quality mathematics instruction leading to enhanced student learning. An endorsement is added to a teacher's existing Level I or Level II Certification. The Mathematics Coaching Endorsement program can be completed as part of the master's of education degree in Teaching and Curriculum or as a standalone program.

This program is recognized by the [Pennsylvania Department of Education \(PDE\)](https://www.pde.state.pa.us/).



Contact

Administrative Support Assistant

Katie Martin

kwm19@psu.edu

+1 717 948 6205

Certification Officer

Rebecca Ort

rka12@psu.edu

+1-717-948-6367

Program Coordinator

Jane M. Wilburne, Ed.D.

jmw41@psu.edu

+1 717 948 6212

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PennState
Harrisburg

777 West Harrisburg Pike
Middletown, PA 17057
Phone: 717-948-6205
Fax: 717-948-6209
harrisburg.psu.edu



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Harrisburg

**School of Behavioral
Sciences and Education**



**Mathematics Coach
Endorsement Program**

Curriculum

Endorsement Program Requirements

The professional core courses, competencies, and experiences for the Mathematics Coach Endorsement program are designed to address the specific set of issues, knowledge, and competencies that are relevant to coaching, teaching, and learning. The program prepares mathematics coaches who will be able to support teachers' efforts to help students become competent and confident in mathematics.

The Mathematics Coach Endorsement program consists of four courses (12 credits) that focus on the mathematical content, pedagogical content knowledge, and current research related to the academic standards. The courses also focus on the role of coaches in supporting colleagues' instruction and attention to key resources to promote professional learning opportunities. The program may be taken alone or in conjunction with the master's of education degree in Teaching and Curriculum or the Principal Certification Program.

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Courses Overview

Core Courses (can be taken in any order)

- EDMTH 441 Geometry and Measurement Across the Curriculum (3)
- EDMTH 442 Algebra and Functions Across the Curriculum (3)
- EDMTH 443 Data Analysis and Probability Across the Curriculum (3)
- EDMTH 444 Numbers and Operations Across the Curriculum (3)

Courses are offered on campus in the summer and online with some Zoom sessions during the fall and spring semesters.

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Program Requirements for Admission

Admission is on a rolling basis. Candidates must meet the following admission requirements:

- An overall GPA of at least 3.0 out of a 4.0 scale in previous college work
- A valid Pennsylvania Teaching Certificate
- Three (3) years of successful teaching experience before the endorsement can be awarded.

Applying for Endorsement

Upon completion of all program requirements, the candidate is eligible to petition the PA Department of Education for an endorsement certificate. This would be classified as an add-on to an existing PA Level I or Level II certificate.

Currently, the Pennsylvania Department of Education is utilizing an online system to manage all certificates and endorsements: the Teacher Information Management System (TIMS). The candidate needs to log into the TIMS section of the PDE website to process an application for an add-on. The endorsement application must be approved by the Penn State Harrisburg Certification Officer and may not be submitted until all courses and required field experiences have been completed.

How to Enroll

To enroll, complete the online application within the [Graduate School online application](#).

- Follow the onscreen instructions to log in.
- For *Enrollment Type*, select "Nondegree Admission." (Certification or Endorsement programs do not award a degree)
- For *Campus*, Choose "Harrisburg."
- Select the appropriate semester of enrollment
- Save and continue to add your information and submit the application.

If you experience difficulty using our online application, please contact:
Rebecca Ort rka12@psu.edu 717-948-6213