

Title: Mathematics Curriculum Developer (Multivariable Calculus)
Hours: Flexible
Pay: \$15/hr

Description:

The School of Math is working on making its undergraduate course content more accessible, affordable and engaging by developing open curriculum.

In this part-time position you will help develop multivariable calculus activities over the Fall 2024 semester.

The position is for the Fall 2024 semester for roughly 5 hours per week at \$15 per hour. The position would start August 26 and run to November 22.

We are hiring two or three assistants, some will be developing content in the Canvas platform, others will be developing content in the webwork platform.

Familiarity with HTML, LaTeX, programming in any language, and the content of multivariable calculus (MATH 2550 or 2551) is preferred. Experience using AI tools such as ChatGPT is not required but is preferred, as we are finding that AI is streamlining the curriculum development process.

You must have an eagerness to learn, be able to write code in webwork and/or canvas to create learning activities, and meet in brief weekly online meetings. We will offer training and guidance on technical writing and how to author curriculum.

For more information about webwork please see <https://webwork.maa.org/>.

Work will be done remotely with a School of Math faculty member and a small team of student assistants.

To apply, please create a single PDF file that contains: 1) a cover letter, 2) your resume, and 3) an example of a multivariable calculus problem that MATH 2550 or 2551 students may encounter, and its solution. The example and its solution should be typed using LaTeX.

Please email the file to Greg Mayer, greg.mayer@gatech.edu, as an attachment. In the email subject line please also use the job title so we know which position you are applying for.

We recommend that your resume highlight any experience you may have with technical writing, programming, multivariable calculus, AI, and working on a team.

Please submit your application on or before August 2 2024, as we are aiming to hire our team of assistants in the week of August 5.