

MATH 4760/8766 Topics in Applied Mathematics

MW 4:00-5:15pm | Dr. Fabio Vitor

PICMath

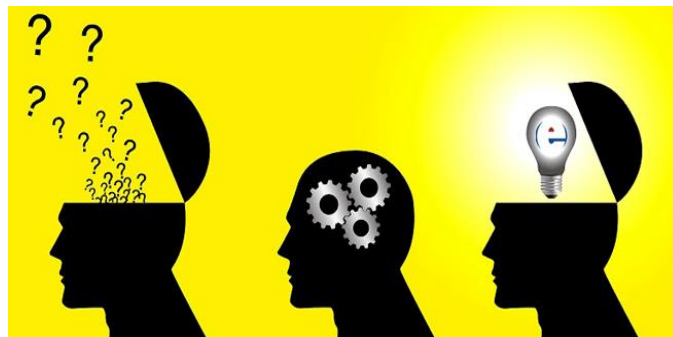
Prerequisite: MATH 2050 (in-progress or completed) or permission of instructor

DO YOU WANT TO WORK ON A *REAL* PROJECT WITH *REAL* DATA OF A *REAL* BUSINESS?

SIGN UP FOR THE PIC Math COURSE!

ALL MAJORS WELCOME!

This is a **hands-on** course that expose students to the process of working on a real-world project from **business, industry, or government** from the initial meeting with a client to reporting results at the end. Students will learn skills that will prepare them for a **non-academic career in the mathematical sciences**, including working collaboratively in a team, working with a client, and producing deliverables for the client (e.g. written report, final presentation). One student enrolled in the PIC Math course will be selected to attend MAA MathFest during the summer of 2022 to present their work.



What is PIC Math?

PIC Math (Preparation for Industrial Career in Mathematical Sciences) prepares mathematical sciences students for industrial careers by engaging them in research problems that come directly from industry. PIC Math is funded by the Mathematical Association of America (MAA), Society for Industrial and Applied Mathematics (SIAM), National Science Foundation (NSF), and National Security Agency (NSA).

Where can I learn more about PIC Math?

- PIC Math 2020 student showcase → <https://bit.ly/3BHhNmm>
- How mathematics is used to solve real-world problems → <https://bit.ly/3jkuFb1>
- Industry partners and project titles from previous years → <https://bit.ly/30ukavb>
- BIG Math Network → <https://bigmathnetwork.org/>

Do you have questions or want to enroll in the course?

Contact Dr. Fabio Vitor at ftorresvitor@unomaha.edu

APPLY THOSE
MATH AND
COMPUTER
SKILLS!



For More Information:

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