



Brother Rice Fact Sheet



Engineering & Drafting

Joseph Kalczynski '96



Started at Rice: 2004
BS from Michigan State
University in Civil Engineering
Teaches Architecture &
Digital Electronics



The main goal of the Brother Rice engineering program is to provide students with a basic understanding of engineering and how to apply it in the real world. Students will work alone and in groups to help strengthen independence while fostering teamwork. They will learn about proper problem solving techniques while also having access to the

latest engineering software to help make their ideas come to life. Along the way, students will also learn about educational and career possibilities for the future.

Our program will form a career pathway for students that will take them thru college, stay with them in their jobs, and hopefully guide them back to Brother Rice where it all started.

The following courses are offered by the Engineering & Drafting Department:

- Architectural Drawing I
- Introduction to Engineering Design
- Digital Electronics
- Advanced Engineering Technologies



Ken Kandt



Started at Rice: 1999
BS in Technology Education (pending) from Wayne State University

Other Accreditation from Macomb Community College: Basic AutoCAD (Skill Specific Certificate), CATIA V5 (Skill Specific Certificate), Die Design (Associate of Applied Science), Tool, Fixture Design (Associate of Applied Science), Unigraphics (Skill Specific Certificate), Vehicle Design (Associate of Applied Science)

Teaches Introduction to Engineering Design and Advanced Engineering Technologies

Joseph Mohan '82



Started at Rice: 2004
Retired from the Redford Fire Department as a Battalion Chief in the position of Fire Inspector December 2007

Serves as the MechWarriors Robotics Team Moderator



Special Activities both in & outside the classroom:

- Bio-Diesel Go-Kart
- Motorized tank t-shirt launchers
- Hovercraft (competing in surrounding States)
- University of Detroit Mercy Tech Day (each year a Brother Rice student has been one of the top 3 finishers)



Visit the Advanced Engineering Technologies class websites: 3rd Period Class — or — 7th Period Class

Brother Rice High School . 7101 Lahser Road . Bloomfield Hills, MI 48301 . (248) 647-2526 . www.brice.edu