

Next Generation of Engineers – ASCE YMG @ Renaissance High School



Photo (L): Engineers Audrey S. & Raymond C.



Photo (R): Engineers Allen E., Audrey S., & Raymond C. & the students of RHS Engineering Club

The American Society of Civil Engineers Southeastern Michigan Younger Member Group (ASCE SE MI YMG) had the pleasure of presenting to Renaissance High School (RHS)'s Engineering Club, discussing Civil Engineering as a career.

RHS reached out to ASCE SE MI expressing interest in having guest speakers come to talk with their club. RHS is a college-preparatory school in Detroit, Michigan. RHS places strong emphasis on exposing its students to STEM, especially through its many clubs and organizations available to students. Students in RHS' Engineering Club regularly have guest speakers come in from various engineering backgrounds. Although many students had heard of Civil Engineering, most had no exposure to what the field was, the work it entailed, or how it affects their lives.

To start the presentation, Raymond C., Engineer at Hubbell, Roth, & Clark, took a poll on how many students were interested in Civil Engineering for a career. Only 1 student raised their hand.

During the presentation, the ASCE YMG started with Civil Engineering as a whole and its disciplines. From there, each speaker focused on a specific sub-discipline, outlining real-world project examples around the Detroit Metropolitan Area. Audrey S. of OHM Advisors discussed Municipal

Engineering, Allen E. of Nowak & Fraus Engineers showcased Land Development, and Raymond C. displayed Structural Engineering & Project Engineering. Following the presentation, a Q and A was held, where students had prepared questions as a group to ask the young engineers. The students asked excellent questions, impressing the panel of engineers with their passion for engineering and their desire to contribute to the society that they live in.

At the end of the presentation, Raymond C. asked the students who would consider a career in Civil Engineering. Every hand in the classroom was enthusiastically raised. Many students stayed late after the presentation to have one-on-one discussions with the presenters. Students and the faculty representative of the Engineering Club even expressed interest in an ASCE YMG led AutoCAD/Civil 3D seminar for interested students.

The future is bright for Civil Engineering in Michigan – Civil Engineers of today can rest assured that the next generation, such as the aspiring engineers at Renaissance High School, will be strong leaders and innovators in the future.