

# Plan on Majoring in General Engineering or Physics at Muskingum University?

**Introduction to Physics and Engineering (PHEN 110) is the first course for both the General Engineering and Physics majors. This course begins the 4-year progression of these majors, and it has a co-requisite of Pre-Calculus (MATH 180). Thus, students that are not eligible to take MATH 180 during the fall semester, cannot take PHEN 110. Not taking PHEN 110 in the fall of your first year will delay your progression by at least one year while you take the required prerequisites of Transitional Algebra and/or Applied College Algebra (MATH 100 and/or MATH 170). To take MATH 180 you need to have at least one of the following:**

- **ACT Math 21 or higher (SAT Math 546 or higher)**
- **Earned college credit for an approved Transfer course of MATH 170 or higher (Applied College Algebra)\***
- **AP Calculus AB score of 3 Gives credit for MATH 190**
- **AP Calculus BC score of 3 gives credit for MATH 190 and MATH 200**
- **Placement via Muskingum University Math Placement Exam\*\***

\* If you plan on taking this course at another institution, check with our Registrar's Office first to make sure that Muskingum will accept it for transfer. Students also can take MATH 170 in the summer to start PHEN 110 and MATH 180 in the fall semester.

\*\*The Muskingum University Placement exam is only available to students who have deposited at Muskingum University. Offerings to take the exam begin in late spring of the year they plan to enroll. Students will receive an email about these offerings as soon as they are available.

If you have questions about the placement criteria or how they apply to you please contact Matthew Connor, Assistant Director of Student Academic Services ([mconnor@muskingum.edu](mailto:mconnor@muskingum.edu) or 740-826-8035)

If you are a deposited student and have received communication about taking the math placement exam please contact Dr. Richard Daquila, Professor of Mathematics ([rdaquila@muskingum.edu](mailto:rdaquila@muskingum.edu) or 740-826-8302)