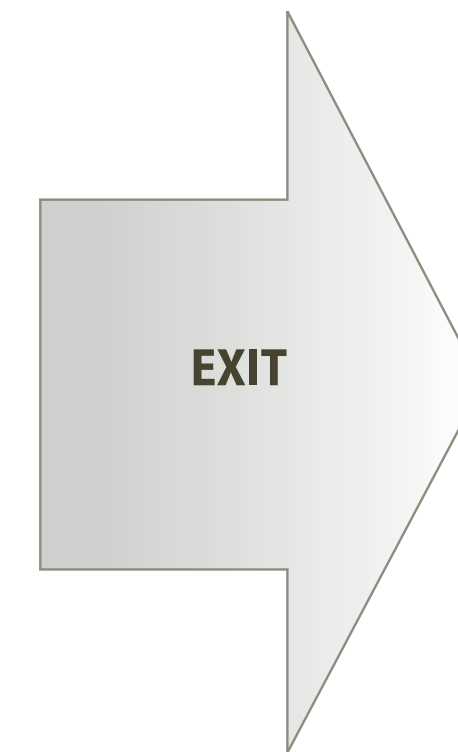
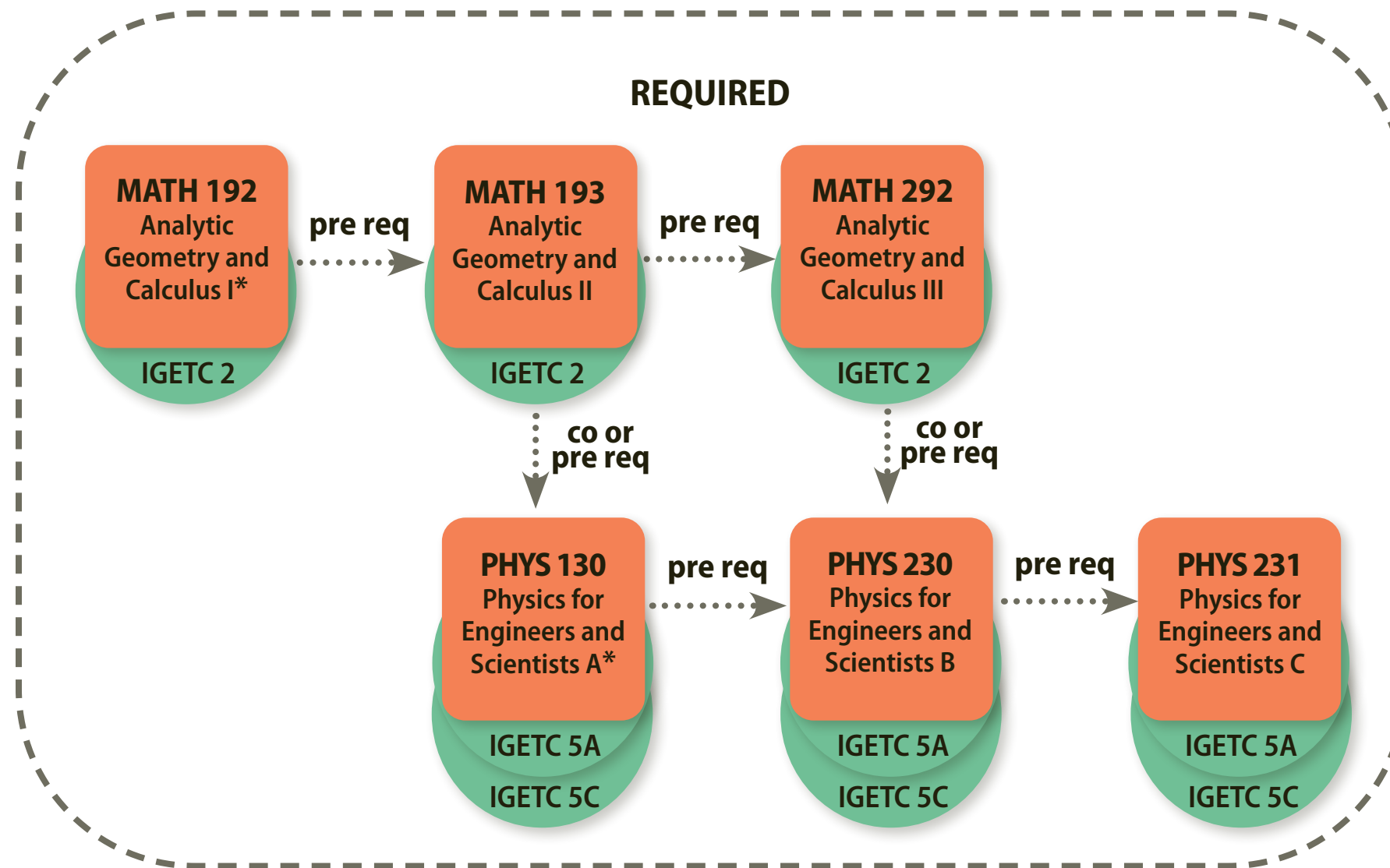
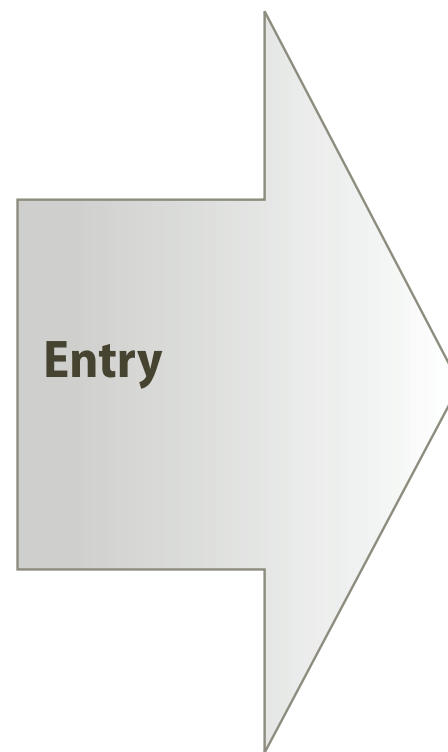


# Physics AS-T

## PROGRAM LEARNING OUTCOMES

1. Solve problems in mechanics, including mechanical waves and fluids, using calculus.
2. Solve problems in thermodynamics using calculus.
3. Solve problems in electromagnetism using calculus.
4. Solve problems in optics using calculus.
5. Solve problems in special relativity using calculus.
6. Solve problems in quantum physics, including its applications, using calculus and differential equations.



## Careers in

- Industry
- Education
- Business

■ Required  
● Elective  
● IGETC category  
 \* This course has prerequisites.

Complete 60 degree applicable units along with completion of all required general education requirements. It is highly recommended that you see a counselor for specific courses that will best meet your educational plan/goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information about transferring, see:  
<https://www.dvc.edu/enrollment/transfer/index.html>

For information on careers in this field see:  
<https://www.dvc.edu/enrollment/career-employment/index.html>