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.

 Entry

**Required**

- **MATH 192**
  Analytic Geometry and Calculus I
- **MATH 193**
  Analytic Geometry and Calculus II
- **MATH 292**
  Analytic Geometry and Calculus III
- **PHYS 130**
  Physics for Engineers and Scientists A
- **PHYS 230**
  Physics for Engineers and Scientists B
- **PHYS 231**
  Physics for Engineers and Scientists C

**Co or pre req**

- IGETC 2
- IGETC 2
- IGETC 2
- IGETC 2
- IGETC 5A
- IGETC 5A
- IGETC 5A

**Elective**

- IGETC 5C
- IGETC 5C
- IGETC 5C

Careers in

- Industry
- Education
- Business

EXIT

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

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