

PHY 120 PLACEMENT EXAMINATION

What to bring? A scientific calculator and a pen or pencil.

Required time for test? 45 minutes (you must start the examination at least 45 minutes prior to the end of the test period).

Who needs to take the test? Students wishing to register for PHY 120.

How do I prepare for the test? The examination consists of 50 questions in the following areas:

Content	Questions	Points
I. Arithmetic and Algebra	15	15
II. Physics Knowledge	20	25
III. Pre-Calculus Mathematics	10	40

Appropriate preparation for examination:

- High school algebra
- Proportion and equations
- Solving equations
- Simultaneous equations
- The quadric formula
- Exponents and logarithms
- Geometry and trigonometry
- Pre-Calculus mathematics
- Basic concepts of physics

Results

- A student must score 75 % or above to be placed into PHY 120
- **What happens if I do not do sufficiently well on the placement test?**
This test is designed for students with one full year of high school algebra and one full year of college preparatory high school physics. Students who do not receive a passing grade on this examination will be advised to register for “Fundamentals of Physics” (PHY 103). The latter course is a one semester course designed for the student who is under prepared to take PHY 120, General Physics I (Pre-Calculus).
- A student can take the PHY 120 placement examination once only.