*Content Area Prerequisites Course Equivalents*

**Number** P155  **Credits** 3

**Course Title** Foundations of Physics

**Description** This course is intended for the non-science major and the elementary education major. It uses “inquiry method” which is emphasized in modern teaching methods. It will examine the nature of the physical laws that govern the technological society in which we live. There will be an integrated lab/lecture/demonstration format in which the students will collaboratively discover many of the basic laws which govern the properties of matter, electricity, and magnetism. Two three hour lecture/lab sessions each week. Prerequisites:

**Number Course Title Distance Credits School**

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| --- | --- | --- | --- | --- |
| PHYS 1100 | Introduction to Physics | Traditional | 3 | Minneapolis community Technical |
| PHYS 1000 | Conceptual Physics | Traditional | 4 | North Hennepin Community |
| PHYS 1007 |  | Traditional | 4 | Anoka Ramsey Community College |
| PHYS 110 |  | Traditional | 3 | Metropolitan State University |
| PHYS 1030 | Descriptive Physics | Traditional | 3 | Inver Hills Community College |
| PHYS 1720 | Introduction to Physics | Traditional | 4 | Saint Paul College |
| PHYS 1101 | Elements of Physics | Traditional | 3 | Rochester Community & Technical |
| PHYS 1101W | Introductory College Physics I | Traditional | 4 | University of Minnesota |
| PHYS 3071W | Lab-Based Physics for Teachers | Traditional | 4 | University of Minnesota |
| PHY 103 | Fundamental Physics I | Traditional | 4 | University of Wisconsin LaCrosse |
| PHY 106 | Physical Science for Educators | Traditional | 4 | University of Wisconsin LaCrosse |
| PHYS 115 | Conceptual Physics | Traditional | 4 | Winona State University |
| PHYS 103 | Concepts in Physics | Traditional | 3 | St. Cloud State University |
| PHYS 1100 | Introduction to Physics | Distance | 3 | Minneapolis Community Technical |
| PHYS 124 | Principles of Physics | Traditional |  | St. Olaf College |
| PHYS 151 | General Physics I | Traditional | 4 | University of Wisconsin River Falls |
| PHYS 1000 | Introduction to Physics | Traditional | 3 | Riverland Community College |
| PHYS 1501 | College Physics I | Traditional | 4 | Riverland Community College |
| PHYS 1110 | College Physics I | Traditional | 4 | Normandale Community College |
| PHYS 1041 | Introductory Physics I | Traditional | 4 | Inver Hills Community College |
| PHYS 1042 | Introductory Physics 2 | Traditional | 4 | Inver Hills Community College |
| PHYS 2001 | General Physics | Distance | 3 | Louisiana State University |
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