

**Physics**

**Evidence of Content Mastery for Requested Authorization Level and/or Endorsement Area**

Authorization Level: Middle/High School

The Standard/Outcomes matrix is based on the following State and/or National Standards:

National Science Teacher Association

 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

\*\* **3.0 accumulative GPA preferred** on all coursework used to fulfill the 50-51 credits of the content mastery requirements. All content mastery courses must be taken on the A-F grading basis; **no courses can earn P/N or S/U**.

**No grades below C-**

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| --- | --- | --- | --- | --- | --- |
| **Standard/Outcome** | **OSU courses that** **satisfy standard** | **Course** | **CR** | **Term** | **Grade** |
| **Choose one WIC course** | **PH** 403, |  |  |  |  |
| **Standard 1:** Introductory Physics Sequence**15 Credits** | **PH** 201, 202, 203 or**PH** 211, 212, 213 or**PH** 221, 222, 223 |  |  |  |  |
| **Standard 2:** Introductory Chemistry Sequence**15 Credits** | **CH** 231, 232, 233 or**CH** 261, 262, 263 |  |  |  |  |
| **Standard 3:** Advanced Physics**10 Credits** | **PH** 320,421,422,423,424,425,426,427,428,429 |  |  |  |  |
| **Standard 4:** Modern Physics + Electives**7-8 Credits** | **PH** 314 *required* and**PH** 411, 415, 465, 481**PH/ECE** 482, 483  |  |  |  |  |
| **Standard 5**: Science Education**3 credits** | **SED** 413 (Secondary Section) |  |  |  |  |



If you have questions about this form or the Physics endorsement, please contact College of Education Student Services, 104 Furman Hall, 541 737-4661.