

# EDINBORO UNIVERSITY OF PENNSYLVANIA

## Minor: Astronomy (1028)

Student: \_\_\_\_\_ ID: @ \_\_\_\_\_ Term: \_\_\_\_\_

The Minor in Astronomy requires a grounding in algebra and trigonometry and provides introductory physics instruction followed by a selection of courses from a menu of astronomy topics including the sun, solar system, galaxies, black holes, relativity and cosmology. Students who have either a lifelong interest in space or astronomy, or simply a yearning to know more about the universe in which we live, would find the minor program instructive.

Prerequisites: For the Track I sequence, MATH 211 & MATH 212 are required. For the Track II sequence, either MATH 106 or MATH 107 is required.

| <b>Astronomy Minor Requirements</b> |  | <b>(20 SH)</b> |
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|                                       | <b>SH</b>  | <b>Grade</b> |
|---------------------------------------|------------|--------------|
| <i>A. Basic Physics Sequence</i>      | <u>8</u>   |              |
| Track I: PHYS320 & PHYS321 <b>OR</b>  | <u>(8)</u> | _____        |
| Track II: PHYS201 & PHYS202           | <u>(8)</u> | _____        |
| <i>B. Astronomy Sequence</i>          | <u>12</u>  |              |
| PHYS271 – Frontiers in Astronomy      | <u>3</u>   | _____        |
| PHYS302 – The Nature of Light & Color | <u>3</u>   | _____        |
| PHYS371 – The Solar System            | <u>3</u>   | _____        |
| PHYS410 – Optics                      | <u>3</u>   | _____        |
| PHYS471 – Rel., Black Holes, & Cos.   | <u>3</u>   | _____        |
| PHYS472 – The Sun                     | <u>3</u>   | _____        |