**APPENDIX I**

**ARTICULATION AGREEMENT**

**APPALACHIAN STATE UNIVERSITY &**

**THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS**

**PHYSICS AND ASTRONOMY**

|  |  |  |
| --- | --- | --- |
| **NCSSM COURSE(S)** | **CONDITION(S)** | **ASU COURSE** |
| PH355 (Physics with Advanced Topics II) | Grade of B or above in each NCSSM Course | PHY 1101 (How Things Work) w/ lab+PHY 1102 (Environment and Everyday Life) w/ lab |
| \*PH424 (AP Physics I)+\*PH426 (AP Physics II) | Grade of B or above in each NCSSM Course | PHY 1103 (General Physics I) w/ lab+PHY 1104 (General Physics II) w/ lab |
| PH404 (AP Physics C: Mechanics (I))+PH406 (AP Physics C: Mechanics (II)/ Electricity and Magnetism (I) | Grade of B or above in each NCSSM Course | PHY 1103 (General Physics I) w/ lab**OR**PHY 1150 (Analytical Physics I) w/ lab |
| PH406 (AP Physics C: Mechanics (II)/ Electricity and Magnetism (I)+PH408 (AP Physics C: Electricity and Magnetism(II) | Grade of B or above in each NCSSM Course | PHY 1104 (General Physics II) w/ lab**OR**PHY 1151 (Analytical Physics II) w/ lab |
| PH418 (Astrophysics)+PH420 (Galaxies and Cosmology) | Grade of B or above in each NCSSM Course | AST 1002 |

Note: Students expected to major in the sciences or pre-engineering at ASU should take the PHY 404/406/408 sequence at NCSSM.