**APPENDIX I**

**ARTICULATION AGREEMENT**

**APPALACHIAN STATE UNIVERSITY &**

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

**PHYSICS AND ASTRONOMY**

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| **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.