**APPENDIX I**

**ARTICULATION AGREEMENT**

**APPALACHIAN STATE UNIVERSITY &**

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

**MATHEMATICS AND STATISTICS**

|  |  |  |
| --- | --- | --- |
| **NCSSM COURSE(S)** | **CONDITION(S)** | **ASU COURSE** |
| MA420 (AP Calculus BC(I): Contemporary Calculus)  +  MA422 (AP Calculus BC(II): Contemporary Calculus)  +  MA424 (AP Calculus BC(III): Contemporary Calculus)  Or  MA416 (AP Calculus AB)  +  MA426 (AP Calculus BC) | Grade of B or above  in each NCSSM Course | MAT 1110 (Calculus I)  +  MAT 1120 (Calculus 2) |
| MA432 (AP Calculus BC (Advanced Topics (II): Contemporary Calculus)  +  MA434 (AP Calculus BC (Advanced Topics (III): Contemporary Calculus) | Grade of B or above  in each NCSSM Course | MAT 1110 (Calculus I)  +  MAT 1120 (Calculus 2) |
| MA462 (Modeling with Matrices) | Grade of B or above  in each NCSSM Course | MAT 2240 (Linear Algebra) |
| MA480 (Vector Functions and Partial Derivatives)  +  MA482(Multiple Integrals and Vector Fields)  Or  \*MA486 (Partial Derivatives, Multiple Integrals and Vector Fields) | Grade of B or above  in each NCSSM Course | MAT 2130 (Calculus 3) |
| MA404 (AP Statistics (I))  +  MA406 (AP Statistics (II))  +  MA408 (AP Statistics (III)) | Grade of B or above  in each NCSSM Course | STT 2820 (Reasoning with Statistics) |
| MA440 (AP Statistics (Adv TopicsI))  +  MA442 (AP Statistics (Adv Topics II))  +  MA444 (AP Statistics (Adv Topics III)) | Grade of B or above  in each NCSSM Course | STT 3850 (Statistical Data Analysis I) |

**\***Denotes online course