**APPENDIX I**

**ARTICULATION AGREEMENT**

**APPALACHIAN STATE UNIVERSITY &**

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

**MATHEMATICS AND STATISTICS**

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| **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)OrMA416 (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 abovein 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 abovein each NCSSM Course | MAT 2130 (Calculus 3) |
| MA404 (AP Statistics (I))+MA406 (AP Statistics (II))+MA408 (AP Statistics (III)) | Grade of B or abovein 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 abovein each NCSSM Course | STT 3850 (Statistical Data Analysis I) |

**\***Denotes online course