

## Transfer Articulation Agreement

between

### Clovis Community College

Associate of Arts in Liberal Arts Concentration in Education

### New Mexico Highlands University

Bachelor of Arts in Math and Computer Science for Secondary School Teachers

- Students completing the Associate of Arts in Liberal Arts Concentration in Education at Clovis Community College can apply those credits and courses directly toward the Bachelor Arts in Math and Computer Science for Secondary School Teachers at New Mexico Highlands University.
- The transfer and articulation of the commonly numbered coursework and New Mexico general education core structure within this articulation agreement is in alignment with the Post-Secondary Education Articulation Act, 21-1B, NMSA 1978.
- This Articulation Agreement is designed to guide students towards earning their Associate of Arts in Liberal Arts Concentration in Education and completing their New Mexico General Education Core and any prerequisite requirements for the Bachelor of Arts in Math and Computer Science for Secondary School Teachers.
- Students that earn their Associate of Arts and transfer to NMHU will be granted a waiver for NMHU's proficiency, extended core, outstanding state core.
- This transfer agreement will be revised by CCC and NMHU each academic year, by the Office of the Executive Vice President of Academic Affairs at CCC and the Registrar at NMHU.
- This Transfer Articulation Agreement shall not exceed eight (8) years.

<b>Clovis Community College</b>	<b>New Mexico Highlands University</b>
Associate of Arts in Liberal Arts Concentration in Education (60 credit hours)	Bachelor of Arts in Math and Computer Science for Secondary School Teachers (131-137 credit hours)
<b>Associate of Arts Required Courses</b>	<b>NMHU Course Equivalents</b>
<b>Oral and Written Communication</b> Complete 9 credit hours, three (3) courses from the following options.	
ENGL 1110 Composition I (3) ENGL 1120 Composition II (3) COMM 1130 Public Speaking (3) COMM 2120 Interpersonal Communication (3)	ENGL 1110 Freshman Composition I (3) ENGL 1120 Freshman Composition II (3) COMM 1130 Public Speaking (3)
<b>Mathematics</b> Complete 3 credit hours, to include MATH 1220 and one course from the remaining options.	
MATH 1220 College Algebra (3) MATH 1512 Calculus 1 (4) MATH 1230 Trigonometry (3)	MATH 1220 College Algebra (3) MATH 1250 Trigonometry & Pre-Calculus (5) MATH 1510 Calculus I (4)
<b>Laboratory Sciences</b> Complete 8 credit hours, to include labs. It is strongly recommended that students complete NTSC lab science courses.	
<b>It is strongly recommended that students complete NTSC lab science courses.</b> NTSC 1110 Physical Science for Teachers (4) NTSC 1120 Life Science for Teachers (4) NTSC 2110 Environmental Science for Teachers (4)	Courses within CCC's Laboratory Science group are accepted as part of the New Mexico Higher Education General Ed Core Course Transfer Curriculum and will satisfy NMHU's Laboratory Sciences requirement.

<p>BIOL 1110 General Biology Lecture and Lab (4)</p> <p>BIOL 1130 Introductory Anatomy and Physiology Lecture and Lab (4)</p> <p>BIOL 2210C Human Anatomy and Physiology I Lecture &amp; Lab (4)</p> <p>BIOL 2225C Human Anatomy and Physiology II Lecture &amp; Lab (4)</p> <p>BIOL 2130C Microbiology Lecture and Lab (4)</p> <p>CHEM 1120C Introduction to Chemistry Lecture &amp; Lab (4)</p> <p>CHEM 1215C General Chemistry I Lecture &amp; Lab for STEM Majors (4)</p> <p>CHEM 1225C General Chemistry II Lecture &amp; Lab for STEM Majors (4)</p> <p>GEOL 1110 Physical Geology Lecture and Lab (4)</p> <p>PHYS 1115 Survey of Physics with Lab (4)</p> <p>PHYS 1230 Algebra-Based Physics I Lecture &amp; Lab (4)</p> <p>PHYS 1240C Algebra-Based Physics II Lecture &amp; Lab (4)</p>	
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**Social and Behavioral Sciences**  
 Complete 9 credit hours, three (3) courses from the following options.  
 PSYC 1110 and courses with a prefix of ANTH, ECON, POLS and SOCI are recommended.

<p>ANTH 1140 Introduction to Cultural Anthropology (3)</p> <p>ANTH 1180 The Dawn of Humanity (3)</p> <p>ECON 1110 Survey of Economics (3)</p> <p>ECON 2110 Macroeconomic Principles (3)</p> <p>ECON 2120 Microeconomic Principles (3)</p> <p>POLS 1120 American National Government (3)</p> <p>PSYC 1110 Introduction to Psychology (3)</p> <p>PSYC 2120 Developmental Psychology (3)</p> <p>PSYC 2130 Adolescent Psychology</p> <p>PSYC 2140 Child Psychology</p> <p>SOCI 1110 Introduction to Sociology (3)</p> <p>SOCI 2240 Sociology of Intimate Relationships and Family (3)</p> <p>SOCI 2310 Contemporary Social Problems (3)</p>	<p>Courses within CCC's Social Behavioral Sciences group are accepted as part of the New Mexico Higher Education General Ed Core Course Transfer Curriculum and will satisfy NMHU's Social and Behavioral Science core requirement.</p>
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**Arts**  
 Complete 3 credit hours, one course from the following options.

<p>ARTH 1110 Art Appreciation (3)</p> <p>ARTH 2110 History of Art I (3)</p> <p>ARTH 2120 History of Art II (3)</p> <p>ARTS 1240 Design I (3)</p> <p>ARTS 1250 Design II (3)</p> <p>ARTS 1340 Functional Ceramics I (3)</p> <p>ARTS 1610 Drawing I (3)</p> <p>ARTS 1630 Painting I (3)</p> <p>ARTS 2330 Functional Ceramics II (3)</p> <p>ARTS 2410 Black &amp; White Photography</p> <p>ARTS 2610 Drawing II</p> <p>ARTS 2630 Painting II</p> <p>DANC 1110 Dance Appreciation</p> <p>MUSC 1130 Music Appreciation: Western Music (3)</p>	<p>Courses within CCC's Fine Arts General Core group are accepted as part of the New Mexico Higher Education General Ed Core Course Transfer Curriculum and will satisfy NMHU's Fine Arts core requirement.</p>
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<b>Humanities</b> Complete 6 credit hours	
HIST 1110 United States History I (3) HIST 1120 United States History II (3) HIST 1150 Western Civilization I (3) HIST 2110 Survey of New Mexico History (3) HIST 1130 World History HIST 1140 World History II HIST 1160 Western Civilization II (3)	HIST 1110 United States History I (3) HIST 1120 United States History II (3) HIST 1165 The Western World (3) HIST 2110 Survey of New Mexico History (3) HIST General Elective Core (3)
<b>Health and Wellness</b> Complete 1 credit hour	
PHED 1110 Dance: Country & Western Dancing (1) PHED 1110: Dance: Beginning Belly Dancing (1) PHED 1110: Dance: Ballroom (1) PHED 1140 Zumba (1) PHED 1210 Basketball (1) PHED 1230 Individual Sport: Racquetball (1) PHED 1230 Individual Sport: Golf (1) PHED 1230 Individual Sport: Tennis (1) PHED 1230 Individual Sport: Bowling (1) PHED 1280 Volleyball (1) PHED 1310 Swim: Beginning Swimming (1) PHED 1410 Yoga: Beginning Yoga (1) PHED 1430 Pilates (1) PHED 1510 Training: Body Sculpting (1) PHED 1510 Training: Kickboxing (1) PHED 1510 Training: Beginning Weight Training (1) PHED 1510 Training: Circuit Training (1) PHED 1610 Fitness for Life (1) PHED 1620 Fitness: Indoor Fitness Cycling (1) PHED 1620 Fitness: Core Fitness (1) PHED 1620 Fitness: Walking for Fitness (1) PHED 1670 Aerobics: Beginning Step Aerobics PHED 1670 Aerobics: Step Circuit Combo (1) PHED 1710 Martial Arts: Self Defense (1) PHED 1830 Running: Walking & Jogging (1) PHED 2230 Individual Sport II: Intermediate Golf (1) PHED 2230 Individual Sport II: Intermediate Tennis (1) PHED 2230 Individual Sport II: Intermediate Racquetball (1) PHED 2280 Volleyball (1) PHED 2510 Training LL: Intermediate Weight Training (1) PHED Training LL Cross Training (1) HLED 1130: Concepts of Health and Wellness (3) HLED 1170 Fitness Concepts for Special Populations (2)	PE requirement
<b>Program Requirements</b>	
CS 1440 Introduction to Computer Science (3) - CCC's CIS 101 Fundamentals of Computer Concepts (3) will satisfy the NMHU requirement of CS 1440 Introduction to Computer Science	<u>Prerequisite courses: 8 credit hours</u> MATH 1220 College Algebra (3*) MATH 1250 Trigonometry & Pre-Calculus (5)  CS 1440 Introduction to Computer Science (3) CS 1450 Introduction to Object-Oriented Programming (3)

<p>CS 1450 Introduction to Object Oriented Programming (3)</p> <ul style="list-style-type: none"> <li>- CCC's CIS 125 Introduction to Programming Concepts (3) will satisfy the NMHU requirement of CS 1450 Into to Object Programming</li> </ul> <p>MATH 1510 Calculus 1 (4)</p> <ul style="list-style-type: none"> <li>- CCC's MATH 1512 Calculus I (4) will satisfy the NMHU requirement of MATH 1510 Calculus 1 (4)</li> </ul> <p>MATH 1520 Calculus 2 (4)</p> <ul style="list-style-type: none"> <li>- CCC's MATH 1522 Calculus 2 (4) will satisfy the NMHU requirement of MATH 1520 (4)</li> </ul> <p>MATH 2530 Calculus 3 (4)</p> <ul style="list-style-type: none"> <li>- CCC's MATH 2531 Calculus 3 will satisfy the NMHU requirement of MATH 2530 (4)</li> </ul> <p>MATH 3200 Linear Algebra (3)</p> <ul style="list-style-type: none"> <li>- CCC's MATH 2420 Applied Linear Algebra (3) will satisfy the NMHU requirement of MATH 3200</li> </ul>	<p>CS 2450 Advanced Computer Programming (3)</p> <p>CS 4300 Computer Tech in the Classroom (3)</p> <p>MATH 1510 Calculus 1 (4)</p> <p>MATH 1520 Calculus 2 (4)</p> <p>MATH 2530 Calculus 3 (4)</p> <p>MATH 3200 Linear Algebra (3)</p> <p>MATH 3450 MATH Stats (3)</p> <p>MATH 4060 College Geometry (3)</p> <p>MATH 4210 Applied Abstract Algebra (3)</p> <p>MATH 4300 Mathematical Problem Solving (4)</p> <p><b>Choose one course from the following:</b></p> <p>MATH 3170 Discrete MATH (3)</p> <p>Any 4000-level math course approved by adviser</p> <p><b>Choose two courses from the following:</b></p> <p>CS 3250 Comp Hardware Install and Maintenance (1)</p> <p>CS 3260 Comp Software Installation (1)</p> <p>CS 3270 Hands on UNIX (1)</p> <p>CS 3320 Advanced Internet (1)</p> <p><b>Choose two courses from the following:</b></p> <p>CS 3500 Programming Seminar 1 (3)</p> <p>CS 3510 System Design and Analysis 1 (3)</p> <p>CS 4560 Internet Services (3)</p> <p>CS 4570 Computer Networks (3)</p> <p>CS 4630 Web Programming (3)</p> <p>Other approved three-credit senior level courses in computer science.</p>
<p><b><u>Secondary Education Minor (Licensure) Requirements</u></b></p> <p>EDUC 2110 Foundations of Education (3) (No Field Based experience)</p> <p>SPED 2110 Introduction to Students with Exceptionalities (3)</p>	<p><b><u>Secondary Education Minor (Licensure) Requirements</u></b></p> <p><b><u>Prerequisites (7 credits)</u></b></p> <p>EDUC1120 Introduction to Teaching (3)</p> <p>EDUC 1190 Field Base I Experience (1)</p> <p>SPED 2110 Introduction to Students with Exceptionalities (3)</p> <p>EDUC 3020 Educational Psychology (3)</p> <p>EDUC 3510 Field-Based II (2)</p> <p>EDUC 4100 Arts &amp; Sciences of Teaching in Secondary Schools (3)</p> <p>RDED 4270 Reading in the Content Areas (3)</p> <p>EDUC 4440 Technology in Education (3)</p> <p>EDUC 4550 Classroom Management (3)</p> <p>EDUC 4410 Field Base III-Student Teaching (6)</p> <p>Knowledge of the Profession (3)</p>



