

Transfer Guide: Skilled & Technical Sciences Education (ITAS2) Associate in Applied Science to Bachelor of Science in Agricultural Education – UNL (2024)

This guide lists MCC courses that meet the requirements for an ITAS2 degree and prepare the student to transfer into the Agricultural Education program at UNL. Every effort has been made to insure accuracy however, students should meet with an MCC advisor at least twice a year to review requirements for their intended degree. UNL may have more specific requirements. Students intending to transfer should also speak with an UNL advisor to insure the optimal number of credits transfer. Only courses with a grade of C or better will transfer and students must have a minimum overall grade point average of 2.75 or higher. Students who have been awarded the Associate in Applied Science Degree in Skilled & Technical Sciences Education Transfer from Metropolitan Community College will be permitted to enter with junior class standing in the College of Agricultural Sciences and Natural Resources and to transfer the maximum of 90 quarter hours/60 semester hours earned.

- MCC - [Metropolitan Community College - University of Nebraska at Omaha \(mccneb.edu\)](http://mccneb.edu)

MCC Total Quarter Hours – 90.5

General Education Requirements (37.5-41.0 Credit Hours)

ACE 1 (Hours) – Complete all courses

Course	Quarter Hours	Recommendations for Alignment with UNL	Semester Hours
ENGL 1010 English Composition I	4.5	ENGL 150 Writing & Inquiry	3
ENGL 1020 English Composition II	4.5	ENGL 151 Writing & Argument	3

ACE 2 (Hours)

Course	Credit Hours	Recommendations for Alignment with UNL	Semester Hours
HMRL 1010 Human Relations Skills	4.5	ALEC 102 Interpersonal Skills for Leadership	3

ACE 3 (Hours) – Select Trigonometry & Statistics combination OR Calculus I

Course	Credit Hours	Recommendations for Alignment with UNL	Semester Hours
MATH 1430 Trigonometry	4.5	MATH 102 Trigonometry	3
MATH 1410 Statistics	4.5	STAT 218 Introduction to Statistics	3
MATH 2410 Calculus I	7.5	MATH 106 Calculus I	5

ACE 4 (Hours) – Complete two courses each from a different prefix (PHYS, CHEM and BIOS)

Course	Credit Hours	Recommendations for Alignment with UNL	Semester Hours
PHYS 110ABC Principles of Physics 1A, 1B, 1C	7.5	PHYS 141 Elements of General Physics I	5
CHEM 1010 College Chemistry	6.5	CHEM 105A/L Chemistry in Context I/Lab	4
BIOS 1010 General Biology	6.0	CHEM 109 A/L General Chemistry I/Lab	4
CHEM 1212 General Chemistry I	7.5	BIOS 101 & 101L General Biology & Lab	4

ACE 5 (4.5 Credit Hours) – Complete one course from ACE 5 or ACE 6

Course	Credit Hours	Recommendations for Alignment with UNL	Semester Hours
ENGL 2450	4.5	ENGL 180 Introduction to Literature	3
HIST 1010	4.5	HIST 110 America to 1877	3
HIST 1020	4.5	HIST 111 America after 1877	3
PHIL 1010	4.5	PHIL 101 Introduction to Philosophy	3

ACE 6 (4.5 Credit Hours) – Complete one course

Course	Credit Hours	Recommendations for Alignment with UNL	Semester Hours
ECON 1000 Macroeconomics	4.5	ECON 211 Principles of Macroeconomics	3
ECON 1100 Microeconomics	4.5	ECON 212 Principles of Microeconomics	3

ACE 7-10 will be taken at UNL

Industrial Technology Endorsement Program – 54

Complete a minimum of 9 quarter hours in each area and an additional 18 hours in any of the four areas.

Architecture and Construction – Select a minimum of 9 quarter hours

Course	Credit Hours
ARCH 1105 REVIT Fundamentals	4.5
ARCH 1250 REVIT Project Management	4.5
CNST 1005 Introduction to Construction Industry	4.5
CNST 1020 Blueprint Reading	4.5
CNST 1050 Introduction to Carpentry	4.5
CNST 1230 Cabinetmaking	4.5
CNST 1240 Interior Finish & Cabinetry	9.0
CNST 1360 Floor, Wall, Stair and Ceiling Framing	9.0

Manufacturing – Select a minimum of 9 quarter hours

Course	Credit Hours
AMFG 2050 Problem Solving	3.0
ELME 1050 Mechanical Print Reading	4.0
ELME 1212 Motor & Machine Controls	9.0
ELME 2060 Mechanical Power Systems	4.0
ELME 2070 Hydraulics & Pneumatics	4.0
ELME 2230 Programmable Logic Controllers	9.0
MFGT 1000 Intro to Process & Power Operations	4.5
MFGT 1020 Intro to Process Operations in Manufacturing Technology	4.5
MFGT 1030 Intro to Quality & Continuous Improvement	4.5
MFGT 1250 Basic Electricity for Manufacturing, Process and Power Operations	6.0
MFGT 1302 Stationary Engineering I	4.5
PRMA 1400 Precision Machine Safety/Principles	3.0
PRMA 1401 Machine Tool I	9.0
PRMA 1402 Machine Tool II	9.0
WELD 1000 Print Reading for Welders	3.0
WELD 1100 Industrial Cutting Process	3.0
WELD 1200 Gas Metal Arc Welding (MIG) Steel I	3.0
WELD 1300 Oxyacetylene Welding	3.0
WELD 1400 Gas Tungsten Arc Welding (TIG) Steel I	3.0
WELD 1500 Shielded Metal Arc Welding (STICK) Flat	3.0

Energy and Engineering – Select a minimum of 9 quarter hours

Course	Credit Hours
AMFG 2100 Introduction to Robotics	4.0
DRAF 1100 AutoCAD Fundamentals	9.0
DRAF 1300 Inventor Fundamentals	9.0
ELTR 1200 Basic Electricity	8.0
HVAC 1101 HVACR Electrical Systems and Components	9.0
SCET 1000 Civil Engineering Fundamentals	4.5
SCET 1090 ArcGIS Fundamentals	4.5
SCET 1120 AutoCAD Essentials	9.0
SCET 1130 REVIT (Structures)	4.5

Transportation, Distribution and Logistics – Select a minimum of 9 quarter hours

Course	Credit Hours
AMFG 1010 Industrial Safety and Health	4.5
AMFG 1100 Logistics & Warehousing for Applied Technologies	4.5
AUTT 1110 Automotive I: Fundamentals	12.0
DESL 1000 Introduction to Diesel Technology	4.0
DESL 1200 Fundamentals of Hydraulics	4.0
DESL 1210 Electricity & Electronics	6.0
DESL 1230 Diesel Engine Fundamentals	4.0
ELME 1210 Introduction to Motors	4.5
PSPT 1000 Basic Engine Principles	4.5
PSPT 1100 Introduction to Powersports Electrical Systems	4.5
PSPT 1110 Introduction to Powersports Fuel Systems	4.5
PSPT 1300 Outdoor Power Equipment	4.5

Total Degree Requirement.....91.5-95.0 Quarter Hours

Additional Information for Students:

To maximize credit transfer, students are strictly encouraged to follow this Guided Pathway. When followed correctly, students will have (64) Credit/Semester Hours remaining to complete for the Bachelor of Science in Cybersecurity.

Academic Advising Information:

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