



ARTICULATION AGREEMENT

Offered collaboratively by

MONTANA STATE UNIVERSITY-NORTHERN

and

CLARK COLLEGE

(Associate of Applied Science Degree –Automotive Technology)

For

BACHELOR OF SCIENCE DEGREE IN AUTOMOTIVE TECHNOLOGY

I. SCOPE OF THE PROGRAM

Montana State University - Northern (MSUN) and Clark College (CC) hereby establish an articulation agreement leading to a Bachelor of Science Degree in Automotive Technology. The degree will be conferred by MSUN.

II. LENGTH OF AGREEMENT

This agreement will begin Fall Semester 2011. The parties to this agreement commit to offering this program until dissolved by mutual agreement. An evaluation of the program will be conducted every two years.

III. COURSE ARTICULATION

Students completing the **Associate of Applied Science Degree in Automotive Technology** at CC will be granted 60 semester technical credits toward a Bachelor of Science degree in Automotive Technology at MSUN. Students must earn a minimum of a C- or better in each course in order for it to transfer into the degree. Upon completion of the program courses as shown in **Exhibit A** and the meeting of all graduation requirements a Bachelor of Science degree in Automotive Technology will be awarded. Students must complete 30 credits at MSUN and a total of 120 semester credits to complete the degree program. **Exhibit B** provides general education requirements. **Exhibit C** provides an overview of degree requirements.

General education courses will be assessed on a one by one basis. This articulation is established as a block agreement. Students from Clark College will come to MSU-N as a junior student, given that they have completed their AAS degree at Clark.



EXHIBIT A: Required technical courses

Technical Courses to be completed at Northern		Credits
ATDI 383	Alternative Automotive Power Systems	4
ATDI 384	Auto/Diesel Electrical/Electronic Systems III	4
ATDI 400	Shop Procedures	3
AUTO 408	Current Trends in Mobility Technology	2
AUTO 450	Dynamometer Testing/Computer System Data Analysis	3
AUTO 457	Advanced Power Trains	4
AUTO 498	Cooperative Education**	4
AUTO 488	Automotive Practicum	3
	Technical requirements to be taken at MSUN	27
	General Education –SEE NARRATIVE PAGE 1 -	33
	Transferred Technical Courses	60
	Total	120

**Students not pursuing a minor should consider taking additional cooperative education credits to meet upper division credit requirements for graduation



EXHIBIT B (Gen. Ed. Requirements)

Category I	<i>Communication: WRIT 101 or WRIT 350 SPCH 141 or SPCH 142 (6 credits)</i>
Category II	<i>Mathematics: M 121 or higher (3 credits)</i>
Category III	<i>Natural Sciences w/ lab: AG 204, BIOL, CHMY, GEO, GPHY 111,GSCI, NSCI, PHYS, TSCI 110, TSCI 230, TSCI 304, TSCI 320 (6 credits)</i>
Category IV	<i>Social Sciences / History: CMSV 101, ECNS 201, 202, 372, HSTA101,102,255, PSYX 100, 230,PSCI 201,250,471,SOCI 101, 241, SOSC 201 (6 credits)</i>
Category V	<i>Cultural Diversity: NASL 120,121,331 NAS 220,310,330,350,364, NURS 331, SOCI 315, SPNS 101,102 ,BUS 365 (3 credits)</i>
Category VI	<i>Fine Arts /Humanities ART 100, 120, 150, 151, 204, 353, 361, 362, DRMA 109, ENGL 330,310,311, GDSN 270, LIT 110,210,211,223,224,230,309,327,363, MUS 101,110,PHIL 200,210 (3 credits)</i>
Category VII	<i>Technology: AOT 301, CAPP 120, CIS 320, IT 100 (3 credits)</i>
Total General Education Credits 33 credits (In order to effectively meet the 39 credit upper division requirement, it is recommended 6 of the general education credits be at the 300+ level)	

- Refer to the current MSU-N transfer equivalency guide, or contact the MSU-N registrar's office for general education equivalencies.
- https://atlas.montana.edu:9002/pls/hvagent/hwzkxfer.p_selstate



EXHIBIT C (Overview of Equivalencies)

Program Requirements MSU-N	Clark C. Equivalencies
ATDI 134 Auto/Diesel Electrical/Electronic Systems I	AUTO 110 Safety Basics & Electricity and brakes
ATDI 220 Automotive Diesel & Hybrid Vehicles	Waived: Content covered in AAS degree completion
ATDI 257 Automatics	AUTO 220 Advanced Power Trains
ATDI 264 Auto/Diesel Electrical/Electronic Systems II	AUTO 120 Chassis systems
ATDI 265 Heating and Air Conditioning	AUTO 230 Advanced Chassis Systems
ATDI 383 Alternative Automotive Power Systems	To Be Taken at MSUN
ATDI 384 Auto/Diesel Electrical/Electronic Systems III	To Be Taken at MSUN
ATDI 400 Shop Procedures	To Be Taken at MSUN
AUTO 115 Introduction to Automotive Service	AUTO 110 Automotive Basics
AUTO 117 Automotive Manual Power Trains	AUTO 210 Drive Trains & Engines
AUTO 119 Automotive Braking Systems	AUTO 110 Safety Basics and Brakes
AUTO 120 Automotive Steering and Suspension	AUTO 120 Chassis Systems
AUTO 128 Engines	AUTO 210 Drive Trains
AUTO 151 Diagnosis and Tune Up	AUTO 130 Engine Performance
AUTO 210 ASE Certification I *	To Be Taken at MSUN
AUTO 211 ASE Certification II *	To Be Taken at MSUN
AUTO 251 Computerized Engine Control Systems	Auto 130 Engine Performance
AUTO 408 Current Trends in Mobility Technology	To Be Taken at MSUN
AUTO 450 Dynamometer Testing/Computer System Data Analysis	To Be Taken at MSUN
AUTO 457 Advanced Power Trains	To Be Taken at MSUN
AUTO 498 Cooperative Education	To Be Taken at MSUN
AUTO 488 Automotive Practicum	To Be Taken at MSUN
List twelve (12) elective credits below: [only required if no minor]	ENGL 101 English Composition
	AUTO 199 Cooperative Work Experience
	WELD 105 Related Welding for Automotive
	HPE 258 Fitness-Wellness
Program General Education Requirements See Exhibit B for eligible courses	
Cat I – Communications (6 credits)	SEE NARRATIVE PAGE 1
	SEE NARRATIVE PAGE 1
Cat II – Mathematics (3 credits)	SEE NARRATIVE PAGE 1
Cat III – Natural Sciences (6 credits)	SEE NARRATIVE PAGE 1
Cat IV – Social Sciences/History (6 credits)	SEE NARRATIVE PAGE 1
	SEE NARRATIVE PAGE 1
Cat V – Cultural Diversity (3 credits)	SEE NARRATIVE PAGE 1
Cat VI – Fine Arts/Humanities (6 credits)	SEE NARRATIVE PAGE 1
Cat VII – Technology (3 credits)	SEE NARRATIVE PAGE 1

*Students with 4 or more ASE certifications will not be required to take this course, note this is not a reduction in credits. Students need 120 semester credits to graduate.



IV. TUITION AND FEES

Tuition will be billed to each student at MSUN's prevailing cost-per-credit rate for all courses.

The Western Undergraduate Exchange (WUE) is a program of the Western Interstate Commission for Higher Education (WICHE). Through WUE, students in qualifying states may enroll in many two-year and four-year college programs at a reduced tuition level: 150 percent of the institution's regular resident tuition. WUE tuition is considerably less than nonresident tuition. All Degree Programs at MSUN are open to WUE students.

WUE scholarship applicants must have a complete Admission file for award consideration.

Conditions for enrollment under WUE:

Maintain a 2.5 grade point average in at least 15 credits per semester of continuous enrollment during the fall and spring semesters.

V. ADMISSIONS POLICY AND REQUIREMENTS

Admission requirements for MSUN are as follows:

- 1) Completed MSUN Application for Admission
- 2) \$30 non-refundable "one-time" application fee
- 3) In order to be in compliance with Montana state law, all degree seeking students or students carrying more than seven (7) credits, who are born on or after January 1, 1957 must show proof of two vaccinations against measles and one against rubella; "or" show documentation from a physician with dates of illness of having contracted measles and rubella; "or" file a notarized medical or religious exemption.
- 4) An official academic transcript from **all** accredited universities, colleges, and vocational technical centers attended. (Official college transcripts must be sent to the Admissions Office in a sealed envelope directly from the institution.)
- 5) Students transferring to MSUN must have a minimum cumulative transferable grade point average of 2.0 from all colleges or universities previously attended.

Submit WUE Scholarship application and Admission application to:
Montana State University-Northern
Admissions Office
P.O. Box 7751
Havre, MT 59501
(800) 662-6132 ext 3704

VI. FINANCIAL AID

All enrolled students are eligible to apply for financial aid at MSUN. Each student's situation will be evaluated on an individual basis. Students must apply for financial assistance through MSUN's Financial Aid Office.

VII. CONTACT INFORMATION

Admissions: 1-800-662-6132 ext. 3704
Advising: 1-800-662-6132 ext. 3760
Registrar: 1-800-662-6132 ext. 3703
Financial Aid: 1-800-662-6132 ext. 3787

College of Technical Sciences: 1-800-662-6132 ext. 3740

Kevin Johnson, Professor	1-800-662-6132 ext. 4151,	johnsonk@msun.edu
Wane Boysun, Asst. Professor	1-800-662-6132 ext. 4179	boysunw@msun.edu
Larry Strizich, Chair COTS	1-800-662-6132 ext. 3724,	strizich@msun.edu
Greg Kegel, Dean COTS	1-800-662-6132 ext. 4157,	kegel@msun.edu



ARTICULATION AGREEMENT APPROVAL COVER SHEET

Participating institution(s) **CLARK COLLEGE (Associate of Applied Science Degree in Automotive Technology)**

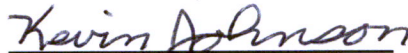
Articulated Program **AUTOMOTIVE TECHNOLOGY**


Degree/Credential **BACHELOR OF SCIENCE**


Effective Dates **Fall Semester 2011**


The undersigned have read and concur with the applicable policies and procedures for the attached articulation agreement. The parties to this agreement commit to offering this program until dissolved by mutual agreement. An evaluation of the program will be conducted every two years.

MSU – Northern



Kevin Johnson - Program Instructor


Larry Strizich - Chair, COTS



Gregory Kegel - Dean, COTS



Lindsey Brown - Registrar

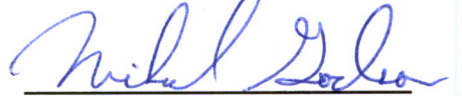

Dr. Rosalyn Anstine Templeton - Provost


Dr. Joe Callahan

Clark College


Robert K. Knight - President


Ted Kotsakis - Dean Business and Technology


Michael Godson – Department Head
Automotive.

RECEIVED

AUG 24 2011

MSU-Northern Registrar's Office