



Updated: April 9, 2008

ARTICULATION AGREEMENT

Offered collaboratively by

MONTANA STATE UNIVERSITY-NORTHERN

and

**SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY
(2-year Diploma – Automotive Service Technology)**

For

**BACHELOR OF SCIENCE DEGREE
IN AUTOMOTIVE TECHNOLOGY**

I. SCOPE OF THE PROGRAM

Montana State University - Northern (MSUN) and Southern Alberta Institute of Technology (SAIT) 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 2008. The parties commit to a review every other year. The next review will be fall semester 2010.

III. COURSE ARTICULATION

Students completing the **2-year Diploma in Automotive Service Technology** at SAIT will be granted 113.5 semester credits toward a Bachelor of Science degree in Automotive Technology at MSUN. Students must have 39 credits at the upper division (300/400) level to complete the degree program. Upon completion of the following technical courses as shown in **Exhibit A** and the meeting of all graduation requirements including the general education requirements as shown in **Exhibit B**, a Bachelor of Science degree in Automotive Technology will be awarded. 120 semester credits are required. **Exhibit C** provides an overview of degree requirements.

General education courses listed on the MSUN transfer equivalency guide will be accepted to meet part of the 33 credit general education core.



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*	2
AUTO 355	Automotive Service Operations	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 479	Cooperative Education	3
AUTO 488	Automotive Practicum*	3
	Total technical requirements	23
	General Education	24
	Transferred technical requirements	104.5
	Transferred general education	9
	Total for degree completion	160.5

* Not required if obtaining a minor, please see faculty advisor to ensure proper credits



EXHIBIT B (*Gen. Ed. Requirements)

Category I	Communication: ENGL 111 or ENGL 112 or SPCH 141 or SPCH 142 or ENGL 366 (6 credits)
Category II	Mathematics: Math 110 or higher (3 credits)
Category III	Natural Sciences w/ lab: AG 204, BIOL, CHEM, ESCI, GSCI, NSCI, PHYS, TSCI 110, TSCI 230, TSCI 304, TSCI 320 (6 credits)
Category IV	Social Sciences: CMSV 101, ECON 241, 242, 346, POL 134, 235, 303, PSYC 101, 205, 315, SOC 101, 240, SOSC 201 (3 credits)
Category V	History: HIST 131, 132, 141, 142, 216, 374 (3 credits)
Category VI	Cultural Diversity: NAS 105, 106, 220, 310, 330, 331, 350, 364, NURS 331, SOC 315, SPAN 105, 106 (3 credits)
Category VII	Fine Arts: ART 115, 120, 150, 151, 204, 353, 361, 362, DRMA 109, ENGL 311, GDSN 270, MUS 110 (3 credits)
Category VIII	Humanities: ART 100, ENGL 114, 201, 202, 214, 221, 222, 309, 310, 330, 385, HUM 201, MUS 101, PHIL 200, 210 (3 credits)
Category IX	Technology: AOT 301, CIS 110, CIS 111, CIS 320, IT 100 (3 credits)
<p>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)</p>	

- 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



IV. TUITION AND FEES

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

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 MSU-N must have a minimum cumulative transferable grade point average of 2.0 from all colleges or universities previously attended.

VI. CONTACT INFORMATION

Admissions: 1-800-662-6132 ext. 3704

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

Jay Howland ~ Computer instructor 1-800-662-6132 ext. 4186, howland@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



MONTANA STATE UNIVERSITY NORTHERN

EXHIBIT C (Overview of Equivalencies)

Program Tech Requirements		SAIT Equivalencies	
ATDI 134 Auto/Diesel Electrical/Electronic Systems I	4	ELTR 303 Electronics	5
ATDI 220 Automotive Diesel & Hybrid Vehicles	3	MOTR 354 Alternate Fuels	1.5
ATDI 257 Automatics	4	MOTR 250 Automotive Shop	6
ATDI 264 Auto/Diesel Electrical/Electronic Systems II	4	MOTR 250 Automotive Shop	7
ATDI 265 Heating and Air Conditioning	4	MOTR 353 Automotive Air-Conditioning	3
ATDI 383 Alternative Automotive Power Systems	4		
ATDI 384 Auto/Diesel Electrical/Electronic Systems III	4		
ATDI 400 Shop Procedures*	2		
AUTO 115 Introduction to Automotive Service	1	MOTR 200 Automotive Shop	1
AUTO 117 Automotive Manual Power Trains	4	MOTR 200 Automotive Shop	5
AUTO 119 Automotive Braking Systems	4	MOTR 200 Automotive Shop	6
AUTO 120 Automotive Steering and Suspension	4	MOTR 201 Automotive Theory	7
AUTO 128 Engines	4	MOTR 300 Automotive Shop	15
AUTO 151 Diagnosis and Tune Up	3	MOTR 301 Automotive Theory	7
AUTO 210 ASE Certification I	1	MOTR 351 Automotive Theory	4
AUTO 211 ASE Certification II	1	MOTR 351 Automotive Theory	4
AUTO 251 Computerized Engine Control Systems	4	MOTR 350 Automotive Shop	15
AUTO 355 Automotive Service Operations	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 479 Cooperative Education	3		
AUTO 488 Automotive Practicum	3		
Electives (if no minor) or Minor (attach minor sheet)	12	ADMN 201 Business Fundamentals	3.5
		EMTL 202 Metallurgy	2
		MACH 202 Machine Shop	3
		WEPR 201 Welding	2
		BLPR 200 Sketching & Blueprint Reading	1.5
Program Gen. Ed. Requirements <i>See Exhibit B for eligible courses</i>		SAIT Equivalencies	
<i>Cat I – Communications (6 credits)</i>		COMM 202, COMM 230	4
		COMM 330	2
<i>Cat II – Mathematics (3 credits)</i>		MATH 202	3
<i>Cat III – Natural Sciences (6 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat IV – Social Sciences (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat V – History (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat VI – Cultural Diversity (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat VII – Fine Arts (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat VIII – Humanities (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	
<i>Cat IX – Technology (3 credits)</i>		Please see the Transfer Guide online for courses to fulfill this area	



MONTANA STATE UNIVERSITY NORTHERN

ARTICULATION AGREEMENT APPROVAL COVER SHEET

Participating institution(s) **SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY (2-year Diploma in Automotive Service Technology)**

Articulated Program **AUTOMOTIVE TECHNOLOGY**

Degree/Credential **BACHELOR OF SCIENCE**

Effective Dates **Start: Fall Semester 2008 Renew: Fall Semester 2010**

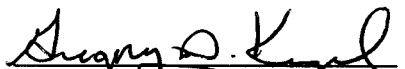
New Agreement Renewal/Revised

The undersigned have read and concur with the applicable policies and procedures for the attached articulation agreement.

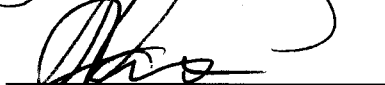
MSU – Northern


Kevin Johnson - Program Instructor

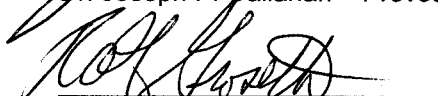

Larry Strizich – Chair, COTS


Gregory Kegel – Dean, COTS



Shauna Albrecht - Admissions

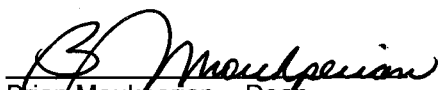

Steve Jamruszka - Registrar

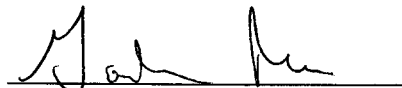

Dr. Joseph P. Callahan – Provost


Rolf Groseth - Chancellor

Southern Alberta Institute of Technology


George Schornop – Academic Chair
Automotive Service Technology
The School of Transportation


Brian Moukperian – Dean
The School of Transportation


Dr Gord Nixon
Vice-President, Academic