

Idaho Tech Prep Program Proposal And Articulation Agreement

Between Idaho State University and Malad High School
Starting Date: August 2011

Tech Prep Program: Automotive Technology Anticipated Degree: AAS; ATC; TC
Secondary Program ID: 37036 Post-Secondary Program ID: _____

ARTICULATED COURSES

List the secondary professional-technical Program of Study courses in this Tech Prep program and the college Program of Study courses they articulate to.

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI0201	Auto I	Semester	AUTM 0100	Intro to Auto Tech	1
TI0202	Auto II	Year	AUTM 0101 AUTM 0102 AUTM 0103	See Below for Course Breakdown	24*
TI0203	Auto III	Year			

*Students must pass a proficiency exam in each area with a minimum score of 74% to receive credit.

AUTM 101 VEHICLE CONTROLS (8 credits) (two separate courses)

AUTM 110 Vehicle Controls I (4 credits)

(Theory and Laboratory) Introduction to Automotive Technology to include front and rear suspension systems, steering systems (power and manual), alignment, balancing of wheels, and steering systems on foreign and domestic vehicles in accordance with Automotive Service Excellence (ASE) Standards.

AUTM 111 Vehicle Controls II (4 Credits)

(Theory and Laboratory) Brakes (drum and disk, power and manual), rear differentials, rear axles, universal joints, drivelines, and front-wheel drive shafts will be covered on foreign and domestic vehicles in accordance with Automotive Service Excellence (ASE) standards.

AUTM 102 POWER TRAINS (8 credits) (two separate courses)

AUTM 112 Power Trains I (3 credits)

(Theory and Laboratory) Car and pickup truck clutches, manual transmissions (4 through 6 speed) manual transaxles (4 through 6 speed), transfer cases, and manual transmissions with overdrives on foreign and domestic vehicles in accordance with Automotive Service Excellence (ASE) standards.

AUTM 113 Power Trains II (5 credits)

(Theory and Laboratory) Automatic transmissions (4 through 6 speed), torque converters, automatic overdrives, transaxles, and final drives on foreign and domestic vehicles in accordance with Automotive Service Excellence (ASE) standards.

AUTM 103 AUTOMOTIVE ENGINES (8 credits) (two separate courses)

AUTM 114 Automotive Engines I (3 credits)

(Theory and Laboratory) Ignition systems, electrical theory, cylinder heads, valve trains, refinishing, and air conditioning are taught for foreign and domestic vehicles in accordance with Automotive Service Excellence (ASE) standards.

AUTM 115 Automotive Engines II (5 credits)

(Theory and Laboratory) Engine troubleshooting and diagnosis, engine tune-up procedures, engine overhaul procedures and process, reassembly, engine testing procedures, and familiarization to electrical theory and testing for foreign and domestic vehicles in accordance with Automotive service Excellence (ASE) standards.

Uniform Articulation of College Credit

1. Awarding Tech Prep credit is a function of the postsecondary institution(s). Articulated Tech Prep courses must meet college course standards. Students may be required to complete a competency assessment.
2. Secondary Tech Prep students who desire to articulate credits to the postsecondary program must:
 - a. complete an approved course and demonstrate at least 80% competencies in each articulated course;
 - b. earn a minimum grade of B- in each articulated course; and,
 - c. be registered as a Tech Prep student in the CATEMA system.

3. Articulation agreements will be reviewed annually and remain in effect until canceled by either party. A notice of intent to discontinue the agreement must be presented to the other partner and to the regional Tech Prep Coordinator. Changes in the agreement may only be made with the consent of both the secondary school and postsecondary institution. If agreement to amend an articulation cannot be reached, the agreement will terminate on a mutually established date.
4. By signing this agreement, secondary instructors agree to maintain a record of articulated courses, provide end-of-course grades, competency attainment, and comments regarding students' progress using the CATEMA system.
5. Credits earned in this program may transfer to other Idaho institutions. There may be a transcription fee for articulated credit.
6. Tech Prep courses will meet Perkins IV requirements, such as: career counseling; equal access; in-service training; business and industry involvement; academic integration; alignment of course competencies; and, assessment of work-based learning.


Brett Colgrove, Instructor
Malad High School



Date

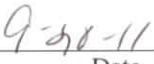

John Cockett, Principal
Malad High School


Date


Brock Gunter, Program Coordinator
Automotive Technology Idaho State University


Date


Ann Marie Corbridge, Coordinator
Region 5 Tech


Date