

Advisory Committee Fall 2024 Minutes

Automotive

October 2, 2024 – 5pm

– Virtual, via Microsoft Teams

Members Present

Delinda Duncan

Larry Krugle

Blake Powell

Vernon College Faculty/Staff

Roger Blackmon

Bettye Hutchins

Zachary Nguyen-Moore

Kelli Lehman

Members Not Present

Wesley Schelter

Welcome and IntroductionsRoger Blackmon

Roger Blackmon welcomed committee members and invited all to introduce themselves.

Purpose of Advisory CommitteeBettye Hutchins

Bettye Hutchins reviewed the purpose and importance of advisory committees and the role they play at Vernon College.

Election of Vice-Chair, and RecorderBettye Hutchins

Bettye Hutchins explained the roles of vice chair and recorder and invited the committee to volunteer or nominate others for these roles.

Volunteer for Vice Chair – Blake Powell

Volunteer for Recorder – Larry Krugle

Chair..... John Cantwell

John Cantwell was not in attendance; Bettye Hutchins filled in as chair.

Old Business/Continuing BusinessJohn Cantwell

With no old business to review, Bettye Hutchins moved on to discuss new business.

New BusinessJohn Cantwell

A. Review program outcomes

Bettye Hutchins asked Roger Blackmon to review the program outcomes listed below.

Program outcomes

1. Apply basic knowledge of automotive electrical systems to identify issues, analyze potential solutions, and perform routine maintenance and/or required repairs according to manufacturer specifications and protocol.
2. Identify issues associated with common automotive brake systems (drum and disc), and replace/repair system components according to manufacturer specifications and protocol.
3. Diagnose common automotive suspension and steering system issues and perform routine maintenance and/or implement repairs according to manufacturer specifications and protocol.

4. Apply fundamental knowledge of automotive engine operation to diagnose internal and external engine problems and perform basic engine maintenance and repairs according to manufacturer specifications and protocol.
5. Diagnose problems associated with automotive heating and air conditioning systems (both manual and electronic) and perform routine maintenance and repairs according to manufacturer specifications and protocol.
6. Assess drivability using current engine performance diagnostic equipment and perform routine maintenance and repairs to ensure the safe and efficient operation of automobiles.

Program Outcomes mapped to courses

Program: Automotive Technology							Credential: Associate in Applied Science (AAS) Degree/ Certificate of Completion
Award: Automotive Technology Associate in Applied Science Degree							
Cip: 47.0604							
LIST OF ALL COURSES REQUIRED AND OUTCOMES							
OUTCOMES						Course Number	Course Title
1	2	3	4	5	6		
X	X		X		X	ENGL 1301	Composition I
X	X			X	X	GOVT 2305	Federal Government (Federal Constitution and Topics)
X	X	X				MATH 1314 or MATH 1332	College Algebra/Contemporary Math I
X	X		X		X	SPCH 1315	Public Speaking
X	X	X		X	X	BUSI 1301	Business Principles
X				X	X	COSC 1301 or ITSC 1301 or BCIS 1305	Introduction to Computing/Introduction to Computers/Business Computer Applications
						LEAD 1100*	Workforce Development With Critical Thinking
X	X	X	X	X	X	AUMT 1267	Practicum (or Field Experience)- Automobile/Automotive Mechanics Technology/Technician
X	X		X	X	X	AUMT 1312*	Basic Automotive Service
X	X	X	X		X	AUMT 1407*	Automotive Electrical Systems
X	X	X	X		X	AUMT 1410*	Automotive Brake Systems
X	X	X	X		X	AUMT 1416*	Automotive Suspension and Steering Systems
X	X	X	X		X	AUMT 1419*	Automotive Engine Repair
X	X	X	X	X	X	AUMT 1445*	Automotive Climate Control Systems
X	X	X	X	X	X	AUMT 2310*	Automotive Service Consultant
X	X	X	X	X	X	AUMT 2328	Automotive Service
X	X	X	X		X	AUMT 2317*	Automotive Engine Performance Analysis I

				6. Assess drivability using current engine performance diagnostic equipment and perform routine maintenance and repairs to ensure safe and efficient operation of automobiles.
				5. Diagnose problems associated with automotive heating and air conditioning systems (both manual and electronic) and perform routine maintenance and repairs according to manufacturer specifications and protocol.
				4. Apply fundamental knowledge of automotive engine operation to diagnose internal and external engine problems and perform basic engine maintenance and repairs according to manufacturer specifications and protocol.
				3. Diagnose common automotive suspension and steering system issues and perform routine maintenance and/or implement repairs according to manufacturer specifications and protocol.
				2. Identify issues associated with common automotive brake systems (drum and disc), and replace/repair system components according to manufacturer specifications and protocol.
				1. Apply basic knowledge of automotive electrical systems to identify issues, analyze potential solutions, and perform routine maintenance and/or required repairs according to manufacturer specifications and protocol.

1. Approve program outcomes

Bettye asked if there were any questions or comments. With no additional discussion, he asked for a motion to approve the program outcomes as presented.

Blake Powell made a motion to approve.

Larry Krugle seconded the motion.

The motion passed and the committee approved the program outcomes as presented.

Bettye then moved on to assessment methods.

B. Approve assessment methods and results

Bettye Hutchins asked Roger Blackmon to review the following assessment methods.

Course outcomes are evaluated through quizzes and hands on demonstration of skills during lab scenarios.

The Automotive program does not require licensure for program completers as ASE certification is a voluntary program and not required by the industry

My current assessment is in the form of course completion. My program outcomes were created to conform to the 6 core classes of the Automotive program. While taking each of the courses, a student is required to be proficient in different tasks related to the course. It is a pass/fail situation. The student will repeat the task at hand until they can complete it without assistance.

1. Approve assessment methods and results

After review, Bettye asked if there were any questions or comments. With no additional discussion, Roger asked for a motion to approve the assessment methods as presented.

Blake Powell made a motion to approve.

Larry Krugle seconded the motion.

The motion passed and the committee approved the assessment methods as presented.

Bettye then moved on to workplace competency.

C. Approval of workplace competency (course or exam)

Bettye Hutchins asked Roger Blackmon to review the following workplace competency information.

Verification of workplace competencies:

Certificate: AUMT 1312 Basic Automotive Service – Capstone course
A.A.S.: AUMT 2328 Automotive Services

Program Outcome	Number of students who took the course or licensure exam	Results per student	Use of results
1. Apply basic knowledge of automotive electrical systems to identify issues, analyze potential solutions, and perform routine maintenance and/or required repairs according to manufacturer specifications and protocol.	6	6	
2. Identify issues associated with common automotive brake systems (drum and disc), and replace/repair system components according to manufacturer specifications and protocol.	6	6	
3. Diagnose common automotive suspension and steering system issues and perform routine maintenance and/or implement repairs according to manufacturer specifications and protocol.	6	6	
4. Apply fundamental knowledge of automotive engine operation to diagnose internal and external engine problems and perform basic engine maintenance and repairs according to manufacturer specifications and protocol.	6	6	
5. Diagnose problems associated with automotive heating and air conditioning systems (both manual and electronic) and perform routine maintenance and repairs	6	6	

according to manufacturer specifications and protocol.			
6. Assess drivability using current engine performance diagnostic equipment and perform routine maintenance and repairs to ensure the safe and efficient operation of automobiles.	6	6	

1. **Approval of workplace competency**

After review, Roger asked if there were any questions or comments. With no additional discussion, Roger asked for a motion to approve the workplace competency as presented. Blake Powell made a motion to approve.

Larry Krugle seconded the motion.

The motion passed and the committee approved the workplace competency as presented.

Roger then moved on to program specific accreditation.

D. Program Specific Accreditation Information and Requirements (if applicable)

N/A

E. Review program curriculum/courses/degree plans

With nothing to review regarding accreditation, Bettye moved on to program curriculum, courses, and degree plans. Bettye asked Roger to review the following curriculum information.

Automotive Technology, Level 1 Certificate

CIP 47.0604

Instructional Location - Vernon Campus

Automotive Technology Certificate

CERTIFICATE OF COMPLETION (Probable Completion Time – 9 months or 32 weeks)

Major Requirements (30 SH)

Fall Block

AUMT 1407	Automotive Electrical Systems	4
AUMT 1410	Automotive Brake Systems (A)	4
AUMT 1416	Automotive Suspension and Steering Systems (A)	4
AUMT 1419	Automotive Engine Repair	4
LEAD 1100	Workforce Development with Critical Thinking	1

Spring Block

AUMT 1312	Basic Automotive Service	3
AUMT 1445	Automotive Climate Control Systems	4
AUMT 2310	Automotive Service Consultant	3
AUMT 2317	Automotive Engine Performance Analysis I	3
	Total Credit Hours:	30

Added MAC 609 Certification Test for refrigerants

(A) Course included on the State's Advanced Technical Credit list. (See Advanced Technical Credit.)

Automotive Technology, A.A.S.

CIP 47.0604

Instructional Location - Vernon Campus

ASSOCIATE IN APPLIED SCIENCE DEGREE (Probable Completion Time - 2 years)

General Education Requirements (15 SH)

ENGL 1301	Composition I	3
GOVT 2305	Federal Government (Federal Constitution and Topics)	3
MATH 1314	College Algebra	3
	or	
MATH 1332	Contemporary Mathematics	3
SPCH 1315	Public Speaking	3
SFF>	Language, Philosophy, and Culture or Creative Arts Elective	3

Related Requirements (6 SH)

BUSI 1301	Business Principles	3
COSC 1301 or	Introduction to Computing	3
ITSC 1301 or	Introduction to Computers (A)	
BCIS 1305	Business Computer Applications	
LEAD 1100	Workforce Development with Critical Thinking	1

Major Requirements (39 SH)

AUMT 1267	Practicum (or Field Experience) - Automobile/Automotive Mechanics Technology/Technician	2
AUMT 1312	Basic Automotive Service	3
AUMT 1407	Automotive Electrical Systems	4
AUMT 1410	Automotive Brake Systems (A)	4
AUMT 1416	Automotive Suspension and Steering Systems (A)	4
AUMT 1419	Automotive Engine Repair	4
AUMT 1445	Automotive Climate Control Systems	4
AUMT 2310	Automotive Service Consultant	3
AUMT 2328	Automotive Service	3
AUMT 2317	Automotive Engine Performance Analysis I	3
TBA*	Approved Elective	4
Total Credit Hours:		60

> To be selected from the following: ARTS 1301, DRAM 1310, DRAM 2366, ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, HIST 2311, HIST 2312, MUSI 1306

* Approved electives to be selected from the following courses: AUMT 1201(A), AUMT 1472, BMGT 1327 (A), BUSI 2304, MCHN 1320, WLDG 1428 (A), WLDG 1430

(A) Course included on the State's Advanced Technical Credit list. (See Advanced Technical Credit.)

1. Approve program revisions (if applicable, if no revisions skip)

After review, Bettye asked if there were any questions or comments. With no curriculum changes, no vote was necessary. Bettye asked for additional comments and with none, moved on to review statistics.

F. Statistics

Bettye asked Roger to review the following statistics:

Program Enrollment:

- Graduates 2023-2024 6
- Enrollment Summer 2023: 0
- Majors Fall 2023-2024: 8
- Enrollment Fall 2023:8

Enrollment

13

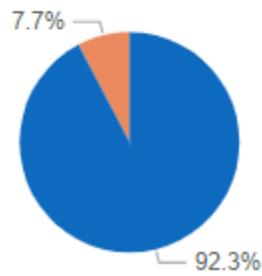
Completion Rate

100.0%

Success Rate

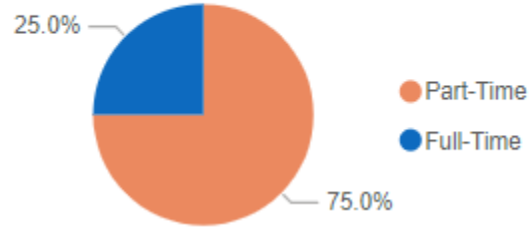
95.8%

Gender



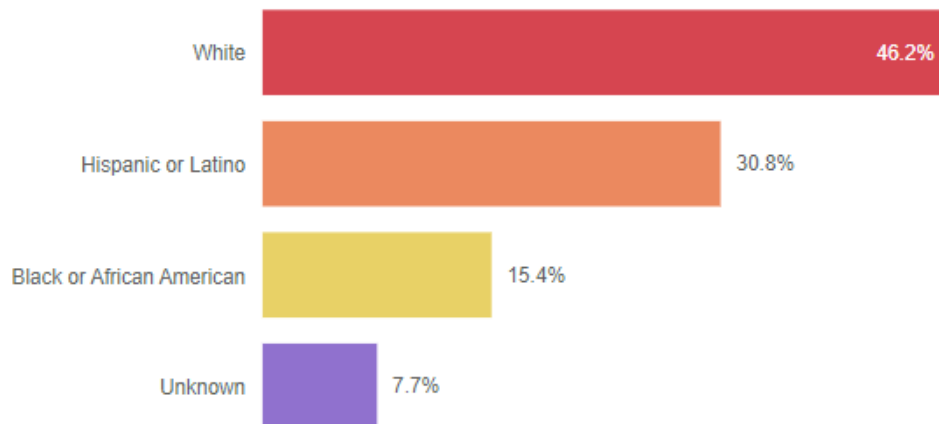
Male
Female

Student Load

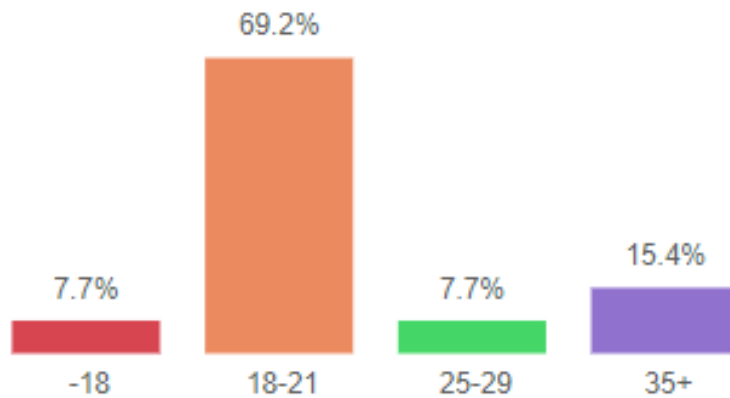


Part-Time
Full-Time

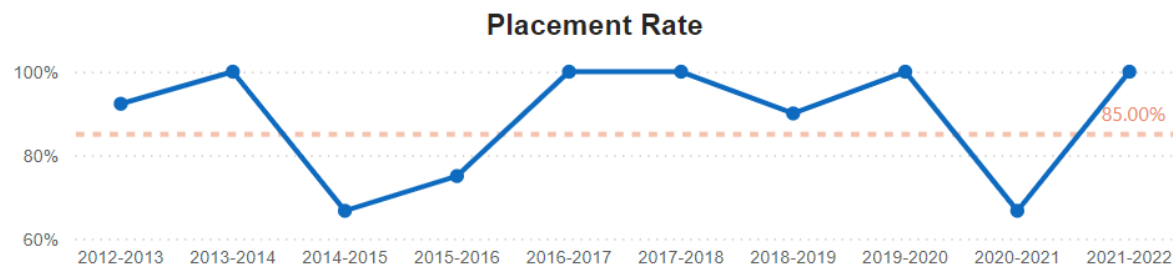
Race/Ethnicity



Age Range



Program Completer Placement Rate - % of program completers who are employed or pursuing additional education within one year of graduation.



Licensure/Certification Rate - % of students who successfully passed a licensure/certification examination in a given academic year.



G. Local Demand/Labor Market Outlook

Bettye goes on to review the following labor market outlook information and questions whether the data provided is accurate. Bettye next asks questions from the Comprehensive Local Needs Survey, collecting information used in reporting to the state.

Occupation	National Median Wage	State Median Wage	Local Median Wage	Current /Projected Job openings (annual)	Projected Growth (annual)
Automotive Service Technician	\$23.89/hr \$45,868/annual	\$23.21/hr \$44,563/annual	\$23/35/hr \$44,839/annual	6,285 (state) 41 (local)	1.00% (state) -0.33% (local)

After the CLNA survey, Bettye then moved on to review facilities, equipment, and technology.

H. Evaluation of facilities, equipment, and technology

Bettye asked Roger to review the following information regarding facilities, equipment, and technology.

Currently have 1 lift that has been out of service due to safety lock failure since Sept 2023.

Will request replacement of Hunter Alignment equipment due to technology advancements since our purchase.

After review, Bettye moved on to professional development.

I. Professional development of faculty

Bettye asked Roger to review professional development. Roger reviewed his latest professional development opportunities and discussed upcoming possibilities. Roger asked for any suggestions, then with no further discussion, moved on to promotion and publicity.

J. Promotion and publicity (recruiting) for the program

Bettye Hutchins asked Roger to review promotion methods. Roger reviewed promotion and publicity/recruiting practices. After review, Roger asked if there were any comments or suggestions. With no further discussion, he then moved on to special populations.

K. Serving students from special populations:

Bettye asked Roger to review the definitions of special populations and the services available to those who apply.

Vernon College is an open-enrollment college. The Proactive Assistance for Student Services (PASS) department offers many services for documented disabilities such as but not limited to quiet testing, longer testing times, interpreters, and special equipment.

Vernon College has a program titled “New Beginnings” for students who qualify to receive transportation, childcare, and/or textbook loans. Perkins funding is also offering assistance to break down barriers such as uniform, supply, and equipment costs.

Peer to Peer mentoring, tutoring (online and in-person), resume building, student success series, and counseling are just a few of the other options/services available to students

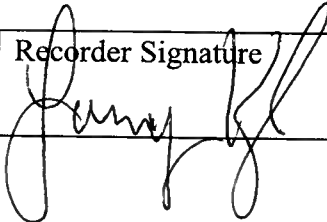
1. Special populations’ new definitions:

- a. Individuals with disabilities;
- b. Individuals from economically disadvantaged families, including low-income youth and adults;
- c. Individuals preparing for nontraditional fields; male/female ratio
- d. Single parents, including single pregnant women;
- e. Out-of-workforce individuals;

- g. Homeless individuals described in section 725 of the McKinney-Vento Homeless Assistance Act (42 U.S.C. 11434a);
- h. Youth who are in, or have aged out of, the foster care system; and
- i. Youth with a parent who—
 - i. is a member of the armed forces (as such term is defined in section 101(a)(4) of title 10, United States Code);
 - ii. is on active duty (as such term is defined in section 101(d) (1) of such title).

Bettye asked if the committee had any further action, discussion or recommendations. The committee offered none.

Bettye adjourned the meeting at 5:46pm.

Recorder Signature 	Date 8-13-25	Next Meeting: Fall 2025
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