# Advisory Committee Fall 2021 Minutes Automotive

5:30 pm - October 21, 2021 - Virtual, via Microsoft Teams

**Members present:** 

Larry Krugel, WFISD

Matt Lindeman, Windthorst Tire

Randi Sudol, Patterson Auto Group

Jeff Taylor, Wichita Falls Ford Lincoln, GM

John Cantwell, Wichita Falls Ford Lincoln,

Sales Manager

Dustin Moore, Four Stars Texas

**Members not present:** 

Delinda Duncan Blake Powell Mark Mills Rich Zeller

Vernon College Faculty/Staff:

Roger Blackmon

Mark Holcomb

Shana Drury

Tracy Catlin

Sjohonton Fanner

Harli Adams

Roger Blackmon began the meeting by thanking all committee members for their participation in the advisory committee.

Shana Drury opened the floor for nominations or volunteers for vice-chair and recorder.

Chair: Matt Lindeman Vice-Chair: Randi Sudol Recorder: Jeff Taylor

There was no old business to discuss so Matt Lindeman opened the meeting with new business.

### \* Review program outcomes, assessment methods/results, and workplace competency

Matt Lindeman asked the committee members to review the program outcomes listed below. Roger Blackmon briefly reviewed each of the outcomes for the committee.

#### 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 safe and efficient operation of automobiles.

Jeff Taylor mentioned that the talk about EV vehicles needs to come up more often now and possibly considered under the basic electrical.

Matt Lindeman asked a question for the guys in the dealership. He inquired if they are still digging deep into engines, tearing them down all the way, to figure out what is going on, or is everything into a replace-type deal now? Matt asked this question to see if the committee had a concern about going deeper into learning certain things and backing away from others to an extent.

Dustin Moore answered for the 3 different manufacturers he represents, GM, Ford, and Dodge. There is a surprisingly large number of internal repairs still being made however a lot goes into a repair/replace scenario. So initially, you find out what type of problem you are having, tear it down, and then it's more of a lesson of cost issue and replaces it.

Randi stated that where she is at they don't want you in the engine and transmission and will just replace it very quickly.

Dustin stated that is more common on the imports to just replace the problem engine/transmission.

John Cantwell stated that on October 1<sup>st</sup>, Ford had changed their load time and service requirements on engines and transmissions. If you have to go in and diagnose an internal engine failure in an engine or transmission and it's going to require a teardown, they have authorized a component replacement if it's within 3 years or 36,000 miles.

Roger stated that this information is good to know because he still worked under the impression that the dealerships and workshops are doing major component replacement and not so much internal repair.

Matt said he thinks it's good for the students to go into an engine and see what it's all about but if it's something major to go ahead and replace it.

Roger did touch base on Jeff's initial statement about EV vehicles, stating he doesn't have vehicles or tooling to be able to work on such very deep and hands-on, but they do touch base on it.

Jeff stated that one thing they might be able to do is to get with Ford and see if they have anything for him and the students to work on.

### Approve program outcomes

Matt Lindeman asked the committee for a motion to approve the program outcomes as presented.

John Cantwell made a motion to approve the program outcomes as presented. Randi Sudol seconded the motion.

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

### Approve assessment methods and results

Matt Lindeman asked the faculty member to explain in more detail the assessment methods and results. Roger Blackmon reviewed the following information with the committee.

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 completely 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.

Matt Lindeman asked the committee for a motion to approve the assessment methods as presented.

Randi Sudol made a motion to approve the assessment methods as presented. Dustin Moore seconded the motion.

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

### Approval of workplace competency (course or exam)

Matt Lindeman asked the faculty member, Roger Blackmon, to tell the committee about the competency and how the students have performed on the competency. Roger reviewed the following table with the committee.

Program Outcome	Number of students	Results per	Use of
	who took course or	student	results
	licensure exam		

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 pass
2.	Identify issues associated with common automotive brake systems (drum and disc), and replace/repair system components according to manufacturer specifications and protocol.	7	7 pass
	Diagnose common automotive suspension and steering system issues and perform routine maintenance and/or implement repairs according to manufacturer specifications and protocol.	7	7 pass
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.	7	7 pass
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.	7	7 pass
6.	Assess drivability using current engine performance diagnostic equipment and perform routine maintenance and repairs to ensure safe and efficient operation of automobiles.	9	9 pass

Verification of workplace competencies: Certificate: AUMT 1312 Basic Automotive

Service – Capstone course

A.A.S.: AUMT 2328 Automotive Services

Matt Lindeman asked the committee for a motion to approve the workplace competency as presented.

Randi Sudol made a motion to approve the workplace competency as presented. John Cantwell seconded the motion.

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

### \* Review program curriculum/courses/degree plans

Matt Lindeman asked the faculty member, to discuss the program's curriculum and degree plans for 2022-23.

### **Automotive Technology, Level 1 Certificate**

CIP 47.06041

Instructional Location - Vernon Campus
Automotive Technology Certificate
CERTIFICATE OF COMPLETION (Probable Completion Time – 9 months or 32 weeks)
Major Requirements (30 SH)

Fall Block

	Total Credit Hours:	30
AUMT 2317	Automotive Engine Performance Analysis I	3
AUMT 2310	Automotive Service Consultant	3
AUMT 1445	Automotive Climate Control Systems	4
AUMT 1312	Basic Automotive Service	3
Spring Block		
LEAD 1100	Workforce Development with Critical Thinking	1
AUMT 1419	Automotive Engine Repair	4
AUMT 1416	Automotive Suspension and Steering Systems (A)	4
AUMT 1410	Automotive Brake Systems (A)	4
AUMT 1407	Automotive Electrical Systems	4

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

Added MAC 609 Certification Test for refrigerants

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 or College Algebra/ Contemporary Mathematics MATH 1332 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/Introduction to Computers (A)/ Business ITSC 1301 or BCIS Computer Applications 3 1305 Major Requirements (39 SH) Practicum (or Field Experience) - Automobile/Automotive Mechanics **AUMT 1267** Technology/Technician **AUMT 1312** Basic Automotive Service **AUMT 1407** Automotive Electrical Systems **AUMT 1410** Automotive Brake Systems (A) 4 **AUMT 1416** Automotive Suspension and Steering Systems (A) **AUMT 1419** Automotive Engine Repair **LEAD 1100** Workforce Development with Critical Thinking **AUMT 1445** Automotive Climate Control Systems **AUMT 2310** Automotive Service Consultant 3 **AUMT 2328** Automotive Service **AUMT 2317** Automotive Engine Performance Analysis I 3 TBA\* Approved Elective **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.)

Discussion ensued about the MAC 609 certification being included in ANMT 1445 as a course testing fee.

### Approve program revisions (if applicable)

Matt Lindeman asked the committee for a motion to approve the program revisions as presented. Randi Sudol made a motion to approve the program revisions as presented. John Cantwell seconded the motion.

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

# **Approve 2021-2022 SCANS, General Education, Program Outcomes, and Institutional Outcome Matrices.**

Matt Lindeman asked the faculty member, Roger Blackmon, to review the following matrices.

SCANS Matrix: The SCANS (Secretary's Commission on Achieving Necessary Skills) Matrix represents the 8 Federal requirements that must be taught. The matrix shows how we are mapping them back to each of the courses in the program.

			Auto			Tecl	nnol	ogy	
A	Award: Automotive Technology Associate in Applied Science Degree Cip: 47.0604							/ Associate in	Credential: Associate in Applied Science (AAS) Degree/ Certificate of Completion
CC	COMPETENCIES								LIST OF ALL COURSES REQUIRED AND IDENTIFIED
	sc	CANS	COI	MPE	TEN	CIES		Course Number	Course Title
1	2	3	4	5	6	7	8		
Χ	X		X	X	X	Х		LEAD 1100*	Workforce Development with Critical Thinking
Х				х	x	x	x	COSC 1301 or ITSC 1301 or BCIS 1305	Introduction to Computing/Introduction to Computers/Business Computer Applications
Х	X		X		X			ENGL 1301	Composition I
Х	X			X	Х			GOVT 2305	Federal Government (Federal Constitution and Topics)
Х	х	X						MATH 1314 or MATH 1332	College Algebra/Contemporary Math 1
Х	X		X		Х			SPCH 1315	Public Speaking
X	Х	X		X	X			BUSI 1301	Business Principles
Χ	х	x	х	х	х	x	х	AUMT 1267	Practicum (or Field Experience)-Automobile/Automotive Mechanics Technology/Technician
Χ	Х	Х	Х	Х	Х	X	Х	AUMT1312*	Basic Automotive Service
Χ		Х		Х	Х	Х	Х	AUMT 1407*	Automotive Electrical Systems
Х		X	Х	Х	Х	Х	Х	AUMT 1410*	Automotive Brake Systems
Χ		Х	Х	Х	Х	Х	Х	AUMT 1416*	Automotive Suspension and Steering Systems
Χ		Х	Х	X	Х	Х	Х	AUMT 1419*	Automotive Engine Repair
Χ		Х	X	Х	Х	Х	Х	AUMT 1445*	Automotive Climate Control Systems
Х	Х	Х	Х	Х	Х	Х	Х	AUMT 2310*	Automotive Service Consultant
Χ	Х	Х	Х	Х	Х	Х	Х	AUMT 2328	Automotive Service
Х		Х	Х	Х	Х	Х	Х	AUMT 2317*	Automotive Engine Performance Analysis I
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Courses with an \* are part of the certificate

General Education Matrix: The General Education Matrix is state-mandated. You will see the 6 requirements that the college is tasked with teaching and how they map back to the courses.

Program: Automotive Technology  Award: Automotive Technology Associate in Applied							Credential: Associate in Applied Science (AAS) Degree/				
Award: Automotive Technology Associate in Applied Science Degree							Certificate of Completion				
Cip	: 47.0	604									
						LIST OF ALL COUR	SES REQUIRED AND IDENTIFIED CORE OBJECTIVES				
GEI	NERA		JCATI CTIVE		ORE	Course Number	Course Title				
1	2	3	4	5	6						
Χ	Х		Х		Х	ENGL 1301	Composition I				
Х	Х		X	Х		GOVT 2305	Federal Government (Federal Constitution and Topics)				
Х	х	х				MATH 1314 or MATH 1332	College Algebra/Contemporary Math 1				
Х	Х		Х		Х	SPCH 1315	Public Speaking				
Х	Х	Х		Х	Х	BUSI 1301	Business Principles				
						COSC 1301 or ITSC	Introduction to Computing/Introduction to				
Х				X	X	1301 or BCIS 1305	Computers/Business Computer Applications				
Х	Х		Х	Х	х	LEAD 1100*	Workforce Development with Critical Thinking				
Х	х	х	х	х	х	AUMT 1267	Practicum (or Field Experience)-Automobile/Automotive Mechanics Technology/Technician				
Х	Х	Х	Х	Х	х	AUMT 1312*	Basic Automotive Service				
Х	Х	Х	Х		х	AUMT 1407*	Automotive Electrical Systems				
Χ	Х	Х	Х		Х	AUMT 1410*	Automotive Brake Systems				
X	Х	Х	Х		Х	AUMT 1416*	Automotive Suspension and Steering Systems				
Х	Х	Х	Х		Х	AUMT 1419*	Automotive Engine Repair				
X	Х	Х	Х	Х	Х	AUMT 1445*	Automotive Climate Control Systems				
X	Х	Х	Х	Х	Х	AUMT 2310*	Automotive Service Consultant				
X	Х	Х	Х	Х	Х	AUMT 2328	Automotive Service				
Х	Х	Х	Х		Х	AUMT 2317*	Automotive Engine Performance Analysis I				
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Courses with an \* are part of the certificate

Program Outcomes Matrix: The Outcomes Matrix represents the Vernon College mandated requirements. They are the Program outcomes just approved and how they map back to the courses.

Program: Automotive Technology							Credential: Associate in Applied Science (AAS) Degree/
Aw	ard: A	Auton	otive	Tech	nolog	y Associate in Applied	Certificate of Completion
Science Degree Cip: 47.0604							-
Сф	. 47.0	7004			TI	ST OF ALL COURSE	C DECLIDED AND OLUCOMES
						T OF ALL COURSE	S REQUIRED AND OUTCOMES
	•	OUTO	COMI	ES		Course Number	Course Title
1	2	3	4	5	6		
Х	Х		Х		X	ENGL 1301	Composition I
Х	Х			Х	Х	GOVT 2305	Federal Government (Federal Constitution and Topics)
х	х	х				MATH 1314 or MATH 1332	College Algebra/Contemporary Math 1
Х	Х		X		Х	SPCH 1315	Public Speaking
X .	Х	Х		Х	Х	BUSI 1301	Business Principles
х				x	x	COSC 1301 or ITSC	Introduction to Computing/Introduction to
^					_^	1301 or BCIS 1305	Computers/Business Computer Applications
						LEAD 1100*	Workforce Development with Critical Thinking
х	Х	х	х	х	Х	AUMT 1267	Practicum (or Field Experience) - Automobile/Automotive Mechanics Technology/Technician
X	Х		Х	Х	Х	AUMT 1312*	Basic Automotive Service
Χ	Х	Х	Х		Х	AUMT 1407*	Automotive Electrical Systems
Х	Х	Х	Х		Х	AUMT 1410*	Automotive Brake Systems
X	Х	Х	Х		Х	AUMT 1416*	Automotive Suspension and Steering Systems
X	Х	Х	Х		Х	AUMT 1419*	Automotive Engine Repair
X	Х	Х	Х	Х	Х	AUMT 1445*	Automotive Climate Control Systems
X	Х	Х	Х	Х	Х	AUMT 2310*	Automotive Service Consultant
X	Х	Х	Х	Х	Х	AUMT 2328	Automotive Service
K	Х	Х	Х		Х	AUMT 2317*	Automotive Engine Performance Analysis I
				man	rout: iagno: iuala:	ine maintenance and rep se problems associated	current engine performance diagnostic equipment and perform pairs to ensure safe and efficient operation of automobiles.  with automotive heating and air conditioning systems (both rm routine maintenance and repairs according to manufacturer
			engi spec	pply fine proificat:	unda blem ions a	mental knowledge of au s and perform basic eng nd protocol.	tomotive engine operation to diagnose internal and external rine maintenance and repairs according to manufacturer
		3. Dand	iagno: or im	se cor pleme	nmon nt rep	automotive suspension airs according to manu	and steering system issues and perform routine maintenance facturer specifications and protocol.
	2. Id com	entify poner	issue its a co	s asso	ociate gto m	d with common automo anufacturer specification	tive brake systems (drum and disc), and replace/repair system

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.

Courses with an \* are part of the certificate

Institutional Outcomes Matrix: The Institutional Outcomes Matrix represents the Vernon College mandated requirements. This matrix represents how the program outcomes map back to the institutional outcomes/general education outcomes.

				chnolog	У						
Award: Automotive Technology Associate in Applied Science Degree						Credential: Associate in Applied Science (AAS) Degree/ Certificate o Completion					
Cip: 47.0604						Completion					
				LI	ST OF A	ALL COURSES REQUIRED AND OUTCOMES					
		оит	COMES			Course Title					
1	2	3	4	5	6						
Х	Х	Х	Х	Х	Х	1. Critical Thinking Skills					
Х	Х	Х	Х	Х	Х	2. Communication Skills					
Х	Х		Х	Х	Х	3. Empirical and Quantitative Skills					
Х	Х	Х	Х	Х	Х	4. Teamwork					
Х	Х	Х	Х	Х	Х	5. Social Responsibility					
Х	Х	Х	Х	Х	Х	6. Personal Responsibility					
				11 8 10 1 8 10 2 8 10 10	and p	ess drivability using currentengine performance diagnostic equipment erform routine maintenance and repairs to ensure safe and efficient tion of automobiles.					
				syster	ns (bot	problems associated with automotive heating and air conditioning hannual and electronic) and perform routine maintenance and repairs manufacturer specifications and protocol.					
			exter	nal eng	ine pro	al knowledge of automotive engine operation to diagnose internal and blems and perform basic engine maintenance and repairs according to fications and protocol.					
						motive suspension and steering system issues and perform routine ment repairs according to manufacturer specifications and protocol.					
, A						common automotive brake systems (drum and disc), and replace/repai manufacturer specifications and protocol.					
						electrical systems to identify issues, analyze potential solutions, and quired repairs according to manufacturer specifications and protocol.					

Matt Lindeman asked the committee if there was any discussion or recommendations on the matrices. No discussion ensued. Matt asked the committee for a motion to approve the matrices as presented.

Randi Sudol made a motion to approve the matrices as presented. Dustin Moore seconded the motion.

The motion passed and the committee approved the matrices as presented.

# Program statistics: Graduates (from previous year/semester), current majors, current enrollment

### **Program Statistics:**

- Graduates 2020-2021: 7
- Enrollment Summer 2021: 0
- Majors Fall 2021-2022: 12
- Enrollment Fall 2021: 13

Matt Lindeman asked if these numbers have stayed pretty consistent from year to year?

Roger said the numbers are actually up this year from last year but they usually stay around the same.

The maximum number they can have in the facility is 15.

### **❖** Local Demand

Shana Drury asked the committee members about local demand. As a business that hires, how many positions have you been onboarded in the last year? How many positions do you have available? Is this program still viable and needed in the local workforce?

Matt Lindeman represents a small community and he has 2 employees. He also has 2 on call when needed. He is planning to expand and will be want to hire 2 more employees soon.

Jeff Taylor has 4 immediate openings for quick lane technicians now. He could use 2-3 more upper technicians. This year he has hired 4 into the shop, 1 out of the program, and this one out of the program is still with the mainline and has excelled well.

Dustin has an immediate opening for a technician assistant in Jacksboro. He has hired one technician for the Ford store and is looking for a tech apprentice. He has also hired 2 flag technicians in Henrietta and 2 tech apprenticeships. He still needs certified technicians in the Chevy/ Dodge area. He also has an apprentice on the Chevy and Dodge sides.

Randi at Patterson/Honda said they are looking at the Honda said but they haven't received skilled applicants. Roger has sent them one worker and he is great and excelling as a Honda tech shadow.

# Evaluation of facilities, equipment, and technology. Recommendation for the acquisition of new equipment and technology.

Matt Lindeman stated that if you have not seen the lab facilities, the faculty would be happy to show you the lab after the meeting.

Roger Blackmon shared with the committee the new equipment that they have received this year.

Roger has a wish list of alignment equipment

### External learning experiences, employment, and placement opportunities

"Vernon College offers a job board on the website. Businesses can contact Chelsey Henry, Coordinator of Career Services, chenry@vernoncollege.edu, to add jobs or you can post yourself. VC also subscribes to a service called GradCast. Within this program, over 600,000 business and industry contacts are available to the graduates to send up to 100 free resumes within a set zip code. If you would like to have your business as part of that database, please contact Judy Ditmore, <a href="mailto:iditmore@vernoncollege.edu">iditmore@vernoncollege.edu</a>."

Placement Rate of Program Completers by Reporting Year [1]												
		2016-20	17		2017-20	18		2018-20	19	3-1	Year Av	erage
Program	Plc	Cmp	%	Plc	Cmp	%	Plc	Cmp	%	Plc	Cmp	%
47060000-Vehicle Maintenance	6	6	100%	9	9	100%	9	10	90%	24	25	96%
and Repair Technologies												

### Professional development of faculty and recommendations

Mr. Blackmon took advantage of internal professional development activates.

### Promotion and publicity (recruiting) about the program to the community and business and industry

Roger Blackmon reviewed the following information. He stated that being able to do physical visits and let the students see the tools and car parts are usually good opportunities for him.

- Individual tours
- Facebook
- Preview Days
- Marketing video on Facebook and VC website
- Small group tours at the college
- CTE Navigator

Jeff Taylor mentioned that there is strength in numbers and if we can have many go out and recruit and look at not only the students who want to work with vehicles but the gaming students as well and students with drive, this will remain a successful career. The gamers are his big spotlight in this talk because everything is going to technology and if we can spark interest in the individuals that like computers we need to let them know there is a spot for them in the automotive career field.

Shana asked if any of the dealerships have thought about sponsoring students to go through the program?

Jeff answered absolutely because there is that need. Ford has a program called the Ford Asset Program where they bring in an inspiring student for an internship/sponsorship. The issue in this is that they cannot hold the student accountable to stay in the program, whether they offer new tools or aid through the program there is still a liability that the student will not want to

complete or pass the classes. Ford has discussed buying a new start-up toolset paid in full for students who complete the program and then come and work for them for a set amount of time.

Matt would like to see Roger come to the smaller schools/ag programs. Matt volunteered to join Roger at these schools to discuss the different job opportunities. Randi stated she would like to join also to show that not only men can be in this job field. Matt would like to see Roger come to Windthorst.

Dustin Moore stated that the doors are always open at the dealership for schools to come in and tour and look around at Henrietta/ Jacksboro.

Roger stated he wouldn't mind opening the school program up in March/April for job recruitments, come out and bring applications to your workforce into the school straight to the students.

### Serving students from special populations:

Matt Lindeman asked the committee to review the following information.

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, 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; all male
  - d. Single parents, including single pregnant women; 2 males
  - e. Out-of-workforce individuals;
  - f. English learners;
  - 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).

### **Comprehensive Local Needs Assessment (Discussion led by Shana Drury):**

-Labor Market Outlook

Occupation	TWC Target Occupation	Share of local jobs (%)	Quality Index (-5 to 5)	Demand Index (-5 to 5)	Quality and demand quadrant	Nation al Median Wage (\$)	Local Median Wage (\$)	Projected national growth 2019- 2029 (%)	Projected state- level growth 2018- 2028 (%)
Vehicle Mechanics	Yes	0.632468473	-1.533582115	-0.330721455	Low quality - Low demand	20.24	15.48	-0.628256206	4

-Living Wage

Laving Wage			
Occupational Code	Occupation	Prevailing Hourly Wage	Prevailing Annual Wage
49-3023	Automotive Service Technicians and Mechanics	\$ 13.23	\$ 2 7,510.00

Shana Drury went through a list of questions regarding the CLNA and access to Vernon College for all participants, not just automotive students. Discussion ensued about access, marketing, and new occupations/training needs.

Shana thanked the committee for attending virtually and for their participation.

Matt Lindeman asked the committee if there was any further discussion, hearing none he adjourned the meeting at 7:06 pm.

Recorder Signature	Date	Next Meeting: Fall 2022
412	12/9/2021	
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