Advisory Committee Fall 2018 Annual Meeting
Welding
Vernon College – Thursday, October 18, 2018 12:00 Skills Training Center

Jim Harris – Chair
Eric Williams – Vice Chair
Shane Turkett – Recorder

Members Present:
Ronnie Stallcup
Shane Turkett
Eric Williams
Johnny Brown
Jim Harris
Joey Davis
Ty Bagwell
Blair Shipp
Michael Noyes

Staff and Faculty Present:
David Tepfer
Mark Holcomb
Elizabeth Crandall
Shana Drury
Holly Scheller
Mollie Williams
Chelsey Henry

Members Absent:
Bobby Gibson
Kitty Howard
Josh Patin
Ronnie Stallcup
Jimmy Duggins

Shane Volunteered to be the recorder. Jim nominated eric fot vc Ronnie Seconded Eric to be VC

Program Outcomes:

Discussion and review took place among committee members regarding the program outcomes listed below.

1. Correctly read and interpret blueprints and weld symbols.
2. Safely demonstrate Shielded Metal Arc Welding (SMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.
3. Safely demonstrate Gas Metal Arc Welding (GMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.
4. Safely demonstrate Flux Core Arc Welding (FCAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.
5. Safely demonstrate Gas Tungsten Arc Welding (GTAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards.
6. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint.

Jim Harris asked David about MCAW. States more companies are shifting to MCAW and replacing FCAW.

After much discussion with the committee
Jim Harris asked for a motion to add MCAW as a program outcome.
Ronnie Stallcup made motion to approve the outcomes with the update of adding MCAW.
Joey Davis seconded the outcome.

The motion to approve program outcomes with revisions has passed.

Assessment Methods:

Jim Harris asked that assessment methods and results be discussed and asked Mr. Tepfer to elaborate.

The purpose of the Capstone course is so the student(s) can demonstrate what they have learned during the 1 ½ years in the program and gain confidence they are ready to pursue a job in the area of Welding Technology.

The method of grading in the Capstone course WLDG1427 Welding Codes and Standards is through various Qualification tests. The tests that are offered are 3G plate and 6G pipe, the weld joint is prepared by the student and then welded the visual inspection is done by Chaz Tepfer. If the welded joint passes the Visual Inspection then the student will cut coupons out of the welded joint to be bend tested, on the plate coupon there is 1 Root bend and 1 Face bend, on the pipe coupon there is 2 Root bends and 2 Face bends. After the bend tests have been completed they're Visually Inspected to the (AWS) D1.1 Standard. This is a pass or fail test, if the student does not pass the test on the first try he/she will work to correct any discontinuity or defect to pass the test the next time.

Jim Harris asked for a motion to approve assessment methods and results.
Joey Davis made motion to approve assessment methods and results as presented.
Ronnie Stallcup seconded the motion.

The motion to approve assessment methods and results passed.

Approval of workplace competency:

Workplace competencies were discussed in detail as the table reflects below.

WLDG 1427 Welding Codes & Standards

Program Outcome	Number of students who took course or licensure exam	Results per student	Use of results
1. Correctly read and interpret blueprints and weld symbols.	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	100% 100% 100%	Nothing at this time.
2. Safely demonstrate Shielded Metal Arc Welding (SMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	100% 57% 8 passed 100%	During the fall and spring semesters, we ran into problems with the test material that was being used. This issue has now been fixed.
3. Safely demonstrate Gas Metal Arc Welding (GMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	100% 100% 100%	Nothing at this time.
4. Safely demonstrate Flux Core Arc Welding (FCAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	86% 7 passed 50% 7 passed 100%	During the fall and spring semesters, we ran into problems with the test material that was being used. This issue has now been fixed.
5. Safely demonstrate Gas Tungsten Arc Welding (GTAW) processes in flat, horizontal, vertical and overhead positions to American	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	57% 4 passed 50% 7 passed 100%	During the fall and spring semesters, we ran into problems with the test material that was being

Welding Society (AWS) and industry standards.			used. This issue has now been fixed.
6. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint.	7 students-Fall 17 14 students-Spr 18 1 student-Sum 18	100% 100% 100%	Nothing at this time.

During the Fall and Spring semester we were having base metal issues when preforming the bend test. The base material that was being used had laminations in the base plate from the mill that the steel supplier used. So test plates were then ordered from Triangle Engineering and we have not had the issue since.

After discussion, Jim Harris asked for a motion to approve workplace competency.
Joey Davis made motion to approve workplace competency as presented.
Ronnie Stallcup second the motion.

The motion to approve workplace competency as presented passed.

Review program curriculum:

Welding, A.A.S. 18-19

CIP 48.0508

Instructional Location - Skills Training Center
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)

OSHT 1309	Physical Hazards Control	3
TBA*	Approved Elective	3

Major Requirements (39 SH)

WLDG 1337	Introduction to Welding Metallurgy	3
WLDG 1413	Introduction to Blueprint Reading for Welders	4
WLDG 1417	Introduction to Layout and Fabrication	4
WLDG 1427	Welding Codes and Standards	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
WLDG 1435	Introduction to Pipe Welding	4
WLDG 2413	Intermediate Welding Using Multiple Processes	4
WLDG 2453	Advanced Pipe Welding	4
	Total Credit Hours:	**60**

** Approved elective to be selected from the following courses:* ***COSC 1301*** *or* ***ITSC 1301****(A) or* ***BCIS 1305****,* ***WLDG 1457****,* ***WLDG 2380****,* ***WLDG 2381***
> 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***
(A) *Course included on the State's Advanced Technical Credit list. (See* ***Advanced Technical Credit****.)*

Welding, Level 1 Certificate 18-19

CIP 48.0508

Level 1 Certificate

Instructional Location – Skills Training Center
CERTIFICATE OF COMPLETION (Probable Completion Time - 1½ years)

Related Requirements (6 SH)

OSHT 1309	Physical Hazards Control	3
TBA*	Approved Elective	3

Major Requirements (35 SH)

WLDG 1337	Introduction to Welding Metallurgy	3

WLDG 1413	Introduction to Blueprint Reading for Welders	4
WLDG 1427	Welding Codes and Standards	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
WLDG 1435	Introduction to Pipe Welding	4
WLDG 2413	Intermediate Welding Using Multiple Processes	4
WLDG 2453	Advanced Pipe Welding	4
	Total Credit Hours:	**41**

***(A)** Course included on the State's Advanced Technical Credit list. (See **Advanced Technical Credit**.)*
** Approved elective to be selected from the following courses: **COSC 1301** or **ITSC 1301**(A) or **BCIS 1305**, **WLDG 1457**, **WLDG 2380***

Welding Occupational Skills Award (12 Semester Hours):

WLDG 1413	Introduction to Blueprint Reading for Welders	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4

Verification of Workplace Competencies: Capstone Experience –
Welder Qualification Exams

Verification of Workplace Competencies: Capstone Experience:
Welder Qualification Exams

WLDG 1337- Introduction to Welding Metallurgy - A study of ferrous and nonferrous metal from the ore to the finished product. Emphasis on metal alloys, heat treating, hard surfacing, welding techniques, forging, foundry processes, and mechanical properties of metal including hardness, machinability, and ductility.

Describe technical terms used in metallurgy and classification of metals; identify metals and how they are processed and used in industry; and describe mechanical and physical properties, surface treatments, and heat treatment of metals.

WLDG 1413 Introduction to Blueprint Reading for Welders - A study of industrial blueprint. Emphasis placed on terminology, symbols, graphic description, and welding processes. Includes systems of measurement and industry standards. Also includes interpretation of plans and drawings used by industry to facilitate field application and production.

Define terms and abbreviations; interpret views, lines, dimensions, detail drawings and welding symbols; identify structural shapes; demonstrate the proper use of measuring devices; calculate dimensions; and develop bill of materials.

WLDG 1417 Introduction to Layout and Fabrication - A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes and use in construction.

Interpret welding symbols; utilize measuring instruments and tools for fabricating projects; define layout and fabrication terminology; and identify structural shapes and materials.

WLDG 1427 Welding Codes and Standards - Prerequisites: Capstone course, to be taken with the consent of instructor in the student's last semester prior to graduation; and WLDG 2413. An in-depth study of welding codes and their development in accordance with structural standards, welding processes, destructive and nondestructive test methods.

Interpret codes and standards; interpret welding symbols; apply preweld, in-process, and shop inspection standards; develop welding procedures; and calculate preheat and postweld heat treatments.

WLDG 1428 Introduction to Shielded Metal Arc Welding (SMAW) - An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, and various joint designs.

Select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; explain electrode classifications; perform SMAW operations utilizing various positions electrodes and joint designs.

WLDG 1430 Introduction to Gas Metal Arc Welding (GMAW) - Principles of gas metal arc welding; setup and use of Gas Metal Arc Welding (GMAW) equipment, and safe use of tools/equipment. Instruction in various joint designs.

Describe welding positions with various joint designs; describe the effects of welding parameters in GMAW; apply safety rules; troubleshoot equipment used, perform visual inspection; weld various types of structural material; diagnose welding problems.

WLDG 1434 Introduction to Gas Tungsten Arc (GTAW) Welding - Principles of gas tungsten arc welding (GTAW), including setup, GTAW equipment. Instruction in various positions and joint designs.

Describe various joint designs; describe safety rules and equipment; and describe the effects of welding parameters in GTAW; weld various structural materials.

WLDG 1435 Introduction to Pipe Welding - Prerequisite: WLDG 1428. An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on various welding positions and electrodes.

Describe equipment and required pipe preparation and perform welds using various positions and electrodes.

WLDG 2413 Intermediate Welding Using Multiple Processes - Prerequisite: WLDG 1434. Instruction using layout tools and blueprint reading with demonstration and guided practices with some of the following welding processes: oxy-fuel gas cutting and welding, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux-cored arc welding (FCAW), gas tungsten arc welding (GTAW).

Identify proper safety equipment and tools; select the proper welding process for a given application; demonstrate skills using more than one approved welding process; analyze situations and make decisions concerning safety and electrode selections.

WLDG 2453 Advanced Pipe Welding - Prerequisite: WLDG 1435. Advanced topics involving welding of pipe using the shielded metal arc welding process. Topics include electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 5G and 6G using various electrodes.

Describe equipment and required pipe preparation and perform 5G and 6G welds using various electrodes.

Approve program revisions:

Welding, A.A.S. 19-20

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

Major Requirements (45 SH)

WLDG 1337	Introduction to Welding Metallurgy	3
WLDG 1313	Introduction to Blueprint Reading for Welders (3-0)	3
WLDG 1317	Introduction to Layout and Fabrication (2-2)	3
WLDG 1427	Welding Codes and Standards	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
WLDG 1435	Introduction to Pipe Welding	4
WLDG 2413	Intermediate Welding Using Multiple Processes	4
WLDG 2453	Advanced Pipe Welding	4
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW) (2-4)	4
WLDG 2447	Advanced Gas Metal Arc Welding (GMAW) (2-4)	4
	Total Credit Hours:	**60**

Welding Occupational Skills Award (11 Semester Hours):

WLDG 1313	Introduction to Blueprint Reading for Welders	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4

Verification of Workplace Competencies: Capstone Experience – **WLDG 2413**

Basic Welding, Level 1 Certificate 19-20

CIP 48.0508

Level 1 Certificate

Instructional Location – Skills Training Center
CERTIFICATE OF COMPLETION (Probable Completion Time – 2 semesters)

Major Requirements (35 SH)

WLDG 1317	Introduction to Layout and Fabrication (2-2)	3
WLDG 1337	Introduction to Welding Metallurgy	3
WLDG 1313	Introduction to Blueprint Reading for Welders	3

WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (A)	4
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding	4
WLDG 1435	Introduction to Pipe Welding	4
	Total Credit Hours:	**25**

Verification of Workplace Competencies: Capstone Experience – **WLDG 1317**

Advanced Welding, Level 1 Certificate 19-20

CIP 48.0508

Level 1 Certificate

Instructional Location – Skills Training Center
CERTIFICATE OF COMPLETION (Probable Completion Time – 2 semesters)

WLDG 1427	Welding Codes and Standards	4
WLDG 2413	Intermediate Welding Using Multiple Processes	4
WLDG 2453	Advanced Pipe Welding	4
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW) (2-4)	4
WLDG 2447	Advanced Gas Metal Arc Welding (GMAW) (2-4)	4
	Total Credit Hours:	**20**

Verification of Workplace Competencies: Capstone Experience – **WLDG 2413**

After much discussion, Jim Harris asked for a motion to approve program revisions.
Shane Turkett made motion to approve program revisions as presented.
Johnny Brown second the motion.

The motion to approve program revisions as presented passed.

Review of Matrices:

Jim Harris led the discussion on Review Secretary's Commission on Achieving Necessary Skills (SCANS), General Education, Program Outcomes Matrices, and Institutional Outcomes Matrices and asks the faculty to expand on them.

David Tepfer explains the matrices below.

Program: Welding									**Credential: Associate in Applied Science (AAS) Degree**
Award: Welding Associate in Applied Science (AAS) Degree									
Cip: 48.0508									
LIST OF ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
SCANS COMPETENCIES								**Course Number**	**Course Title**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**		
X	X		X	X	X	X		ENGL 1301	Composition I
X	X		X	X	X	X		GOVT 2305	Federal Government (Federal Constitution and Topics)
X		X		X	X	X		MATH 1314 or MATH 1332	College Math/Contemporary Mathematics I
X			X	X	X	X		SPCH 1315	Public Speaking
X	X			X	X		X	OSHT 1309	Physical Hazards Control
									TBA Elective
X	X		X	X	X		X	WLDG 1457 or	Intermediate Shielded Metal ARC Welding
X	X	X	X	X	X	X	X	WLDG 2380 or	Cooperative Education-Welding Technology/Welder
X	X	X	X	X	X	X	X	WLDG 2381	Cooperative Education-Welding Technology/Welder
X	X			X	X		X	WLDG 1337*	Introduction to Welding Metallurgy
X	X	X	X	X	X		X	WLDG 1413*	Introduction to Blueprint Reading for Welders
X	X	X	X	X	X		X	WLDG 1417	Introduction to Layout and Fabrication
X	X	X	X	X	X	X	X	WLDG 1427*	Welding Codes and Standards
X	X		X	X	X		X	WLDG 1428*	Introduction to Shielded Metal Arc Welding (SMAW)
X	X		X	X	X		X	WLDG 1430*	Introduction to Gas Metal Arc Welding (GMAW)
X	X		X	X	X		X	WLDG 1434*	Introduction to Gas Tungsten Arc (GTAW) Welding
X	X	X	X	X	X		X	WLDG 1435*	Introduction to Pipe Welding

X	X	X	X	X	X		X	WLDG 2413*	Intermediate Welding Using Multiple Processes
X	X	X	X	X	X		X	WLDG 2453*	Advanced Pipe Welding
							8. BASIC USE OF COMPUTERS		
						7. WORKPLACE COMPETENCIES			
					6. PERSONAL QUALITIES				
				5. THINKING SKILLS					
			4. SPEAKING AND LISTENING						
		3. ARITHMETIC OR MATHEMATICS							
	2. WRITING								
1. READING									

Program: Welding						**Credential: Associate in Applied Science (AAS) Degree**	
Award: Welding Associate in Applied Science (AAS) Degree							
Cip: 48.0508							
LIST OF ALL COURSES REQUIRED AND IDENTIFIED CORE OBJECTIVES							
GENERAL EDUCATION CORE OBJECTIVES						**Course Number**	**Course Title**
1	**2**	**3**	**4**	**5**	**6**		
X	**X**	**X**	**X**	**X**	**X**	ENGL 1301	Composition I
X	**X**	**X**	**X**	**X**	**X**	GOVT 2305	Federal Government (Federal Constitution and Topics)
X	**X**	**X**	**X**	**X**	**X**	MATH 1314 or MATH 1332	College Math/Contemporary Mathematics I
X	**X**	**X**	**X**	**X**	**X**	SPCH 1315	Public Speaking
X	**X**				**X**	OSHT 1309	Physical Hazards Control
X	**X**			**X**	**X**		TBA Elective
X	**X**		**X**	**X**	**X**	WLDG 1457 or	Intermediate Shielded Metal ARC Welding
X	**X**	**X**	**X**	**X**	**X**	WLDG 2380 or	Cooperative Education-Welding Technology/Welder
X	X	X	X	X	X	WLDG 2381	Cooperative Education-Welding Technology/Welder
X	X			X	X	WLDG 1337*	Introduction to Welding Metallurgy
X	X	X	X	X	X	WLDG 1413*	Introduction to Blueprint Reading for Welders
X	X	X	X	X	X	WLDG 1417	Introduction to Layout and Fabrication
X	X	X	X	X	X	WLDG 1427*	Welding Codes and Standards
X	X		X	X	X	WLDG 1428*	Introduction to Shielded Metal Arc Welding (SMAW)
X	X		X	X	X	WLDG 1430*	Introduction to Gas Metal Arc Welding (GMAW)

X	X		X	X	X	WLDG 1434*	Introduction to Gas Tungsten Arc (GTAW) Welding
X	X		X	X	X	WLDG 1435*	Introduction to Pipe Welding
X	X	X	X	X	X	WLDG 2413*	Intermediate Welding Using Multiple Processes
X	X		X	X	X	WLDG 2453*	Advanced Pipe Welding
					6. Personal Responsibility		
				5. Social Responsibility			
			4. Teamwork				
		3. Empirical and Quantitative Skills					
	2. Communication Skills						
1. Critical Thinking Skills							

Program: Welding							**Credential: Associate in Applied Science (AAS) Degree**
Award: Welding Associate in Applied Science (AAS) Degree							
Cip: 48.0508							
LIST OF ALL COURSES REQUIRED AND OUTCOMES							
OUTCOMES						**Course Number**	**Course Title**
1	**2**	**3**	**4**	**5**	**6**		
X	X	X	X	X	X	WLDG 1457 or	Intermediate Shielded Metal ARC Welding
X	X	X	X	X	X	WLDG 2380 or	Cooperative Education-Welding Technology/Welder
X	X	X	X	X	X	WLDG 2381	Cooperative Education-Welding Technology/Welder
					X	WLDG 1337*	Introduction to Welding Metallurgy
X					X	WLDG 1413*	Introduction to Blueprint Reading for Welders
X	X	X	X	X	X	WLDG 1417	Introduction to Layout and Fabrication
X	X	X	X	X	X	WLDG 1427*	Welding Codes and Standards
X	X					WLDG 1428*	Introduction to Shielded Metal Arc Welding (SMAW)
X		X				WLDG 1430*	Introduction to Gas Metal Arc Welding (GMAW)
X				X		WLDG 1434*	Introduction to Gas Tungsten Arc (GTAW) Welding
X	X	X	X			WLDG 1435*	Introduction to Pipe Welding
X	X	X	X	X	X	WLDG 2413*	Intermediate Welding Using Multiple Processes
X	X	X	X	X	X	WLDG 2453*	Advanced Pipe Welding
					6. OUTCOME Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint.		
				5. OUTCOME Safely demonstrate Gas Tungsten Arc Welding (GTAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards.			
			4. OUTCOME Safely demonstrate Flux Core Arc Welding (FCAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.				
		3. OUTCOME Safely demonstrate Gas Metal Arc Welding (GMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.					

	2. OUTCOME Safely demonstrate Shielded Metal Arc Welding (SMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.
1. OUTCOME correctly read and interpret blueprints and weld symbols.	

Program: Welding	**Credential: Associate in Applied Science (AAS) Degree**
Award: Welding Associate in Applied Science (AAS) Degree	
Cip: 48.0508	

LIST OF ALL COURSES REQUIRED AND OUTCOMES

OUTCOMES						General Education Outcomes
1	2	3	4	5	6	
X	X	X	X	X	X	1. Critical Thinking Skills
X	X	X	X	X	X	2. Communication Skills
X					X	3. Empirical and Quantitative Skills
X	X	X	X	X	X	4. Teamwork
X	X	X	X	X	X	5. Social Responsibility
X	X	X	X	X	X	6. Personal Responsibility
					6. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint.	
				5. Safely demonstrate Gas Tungsten Arc Welding (GTAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards.		
			4. Safely demonstrate Flux Core Arc Welding (FCAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.			
		3. Safely demonstrate Gas Metal Arc Welding (GMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.				
	2. Safely demonstrate Shielded Metal Arc Welding (SMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards.					
1. Correctly read and interpret blueprints and weld symbols.						

Jim Harris asked for a motion to approve matrices.
Ronnie Stallcup made motion to approve matrices as presented.
Joey Davis seconded the motion.

The motion to approve matrices as presented passed.

Program statistics:

Ronnie Stallcup proceeded into discussing Program statistics

- Program Statistics:
  - Graduates 2017-2018: (21/19)
  - Enrollment Summer 2018: (29 students)
  - Majors Fall 2018-2019: (Spring 12/ Fall 6.)
  - Enrollment Fall 2018: (160/ 51 students greater than last fall)

Local Demand:

Eric Williams is hiring at Chantex. Needing about 15-20 more employees. Blair Shipp will be looking for 2-3 more employees in the next couple of months. Blair enjoys working with the program so he can interact with the students to know who he might want to hire.

Evaluation of facilities and equipment:

Jim Harris opened up discussion on evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.

The welding program has purchased a new carbon arc gouger and is currently teaching students this process. The welding program is also looking to purchase a virtual welder to save on some cost of consumables and use during recruiting events. Do any of my advisors have any suggestions on equipment?

External learning experiences:

Jim Harris opened up discussion on evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.

Placement Rate of Program Completers by Reporting Year [1]			
Program	2013-2016 3-Year Average		
	Plc	Cmp	%
48050000-Precision Metal Working	60	64	93.75%

Eagle Rail Car
Pipe Runners
JVI Industrial
Lake Road Welding
Big State Welding
3T Manufacturing
Chantex

David Tepfer asked the committee if they would be interested in incorporating a shadow program to allow students to get some experience while attending school. Johnny Brown is interested in doing a shadow program with some students.

Professional development of faculty:

The Chair moves to professional development of faculty and recommendations:

Vernon College has several faculty development opportunities throughout the year, face-to-face and online development. Also faculty development with helping with community projects like habitat for humanity.

Promotion and publicity:

Jim proceeds to promotion and publicity (recruiting) about the program to the community and to business and industry.

Vernon College hosts recruiting events throughout the spring and falls semesters that the welding program is involved in. I have been also traveling to area high schools in an effort to recruit. I have currently been to Iowa Park, Burkburnett, Seymour and the WFISD. I also served as welding inspector for the WFISD weld off competition last spring. The welding program tries to keep close communication with the local industry as well.

Serving students from special populations:

Jim Harris would like to discuss serving students from special populations.

1. individuals with disabilities;
2. individuals from economically disadvantaged families, including foster children;
3. individuals preparing for non-traditional fields;
   Vernon College currently has 7 female welding students.
4. single parents, including single pregnant women;
5. displaced homemakers; and
6. individuals with limited English proficiency

Adjourn
The meeting is adjourned at 1:14PM

Recorder Signature:	Date:	Next Meeting: Fall 2019
Shae Swatt	11/08/2018	