

Advisory Committee Fall 2020 Minutes

Welding

4:00 pm – October 15, 2020 – Skills Training Center, Multipurpose Room 400

Members present:

Ty Bagwill
Johnny Brown
Joey Davis
Jim Harris
Mark Patterson

Guests:

Kade Mullens
Jeremy Palacios

Vernon College Faculty/ Staff:

Michelle Downes
Shana Drury
Mark Holcomb
Chaz Tepfer

Members not present:

Blair Shipp
Ronnie Stallcup
Shane Turkett

Chaz Tepfer thanked everyone for their participation on the committee. Shana Drury reviewed the purpose of the committee. Then Shana asked for volunteers for chair, vice-chair, and recorder.

Chair: Ty Bagwill
Vice-Chair: Jim Harris
Recorder: Mark Patterson

Old Business/Continuing BusinessTy Bagwill

With no old business, Ty Bagwill began the meeting moving on to new business.

New BusinessTy Bagwill

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

Ty Bagwill asked Chaz Tepfer to review the program outcomes with the committee. Chaz Tepfer reviewed the outcomes listed below with the committee.

Program outcomes

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. Safely demonstrate Metal Cored Arc Welding (MCAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards.
7. Select appropriate materials, tools and equipment to construct metal projects to specification as dictated by blueprint.

I would like to discuss the possibility of removing the (MCAW) Metal Cored Arc Welding program outcome from the Welding Programs Outcomes. This is due to the rapid growth of the program and not having enough machines to accommodate the new process and cost of the wire.

Chaz Tepfer presented thought of taking out the MCAW (program outcome number 6) because of the price of the wire. Chaz stated that he wanted to keep MCAW in the program but he did not want it to be one of the program outcomes.

Jim Harris started the discussion about the price of the wire and stated he would like to see it left because he would like students to have some knowledge of the MCAW weld.

Chaz Tepfer questioned the local demand to see if leaving MCAW as a program outcome would be beneficial to the community.

Joey Davis mentioned that there was only one company in the area Tranter, which used MCAW.

Mark Holcomb and Jim Harris discussed that metal core was used outside of the area more.

Chaz Tepfer mentioned he does not want to stop teaching he just wanted to take out the assessment, which uses more supplies.

Ty Bagwill mentioned that it was not covered in AWS manuals (D15, D1.1) is there a reason to assess it for the full program. Covering flux core and stick, it would be nice to show the students but not necessary as an assessment

Jim Harris stated he would be okay with eliminating number six as long as there was some introduction to the MCAW.

❖ **Approve program outcomes**

Ty Bagwill asked the committee for a motion to approve the program outcomes with the update of the removal of program outcome number 6.

Joey Davis made a motion to approve the program outcomes with the updated revisions.

Mark Patterson seconded the motion.

The motion passed and the committee approved the program outcomes with the update of the removal of program outcome number six.

❖ **Approve assessment methods and results**

Ty Bagwill asked the faculty member, Chaz Tepfer, to explain in more detail the assessment methods and results.

Chaz Tepfer reviewed the following information:

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 Chaz Tepfer does 6G pipe, the weld joint is prepared by the student and then welded the visual inspection. 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 are 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.

Jeremy Palacios asked if they were going to do overhead 4G testing.

Chaz Tepfer stated it was there he normally just uses 2G and 3G because they are the most common ones. He stated he currently has the capabilities to do 4G overhead it was just a matter of position change.

Ty Bagwill asked for a motion to approve the assessment methods as presented.

Jim Harris made a motion to approve the assessment methods as presented.

Joey Davis seconded the motion.

The motion passed and the committee will approve the assessment methods as presented.

❖ **Approval of workplace competency (course or exam)**

Ty Bagwill asked the faculty member, Chaz Tepfer, to tell the committee more about the competency and how the students have performed on the competency.

| 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. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 100% 100% | Comments below |
| 2. Safely demonstrate Shielded Metal Arc Welding (SMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 88% 100% 100% | |
| 3. Safely demonstrate Gas Metal Arc Welding (GMAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 100% 100% | |

| | | | |
|--|---|----------------------|--|
| 4. Safely demonstrate Flux Core Arc Welding (FCAW) processes in flat, horizontal, vertical, and overhead positions to American Welding Society (AWS) and industry standards. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 88% 100% | |
| 5. Safely demonstrate Gas Tungsten Arc Welding (GTAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 88% 50% | |
| 6. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 100% 100% | |
| 7. Safely demonstrate Metal Cored Arc Welding (MCAW) processes in flat, horizontal, vertical and overhead positions to American Welding Society (AWS) and industry standards. | 8 students Fall 19 8 students Spring 20 2 students Sum 20 | 100% 100% 100% | |

The use of these results are used by the instructor and student to see what the student has learned thus far. If the student needs more training in any specific area they can receive that training.

Verification of workplace competencies:

WLDG 1317 – Introduction to layout and Fabrication

WLDG 2413 – Intermediate Welding Using Multiple Processes

Mark Patterson stated that he thought the TIG process was key, anywhere you go if you are a good TIG hand and you can do the other work you are going to be one of the last ones to leave. It will help with job placement later.

Johnny Brown agreed.

Chaz Tepfer stated that with all the things that have to go together for that to work it takes a technique that takes a little longer. People may have a better coordination that makes them able to pick it up faster.

Jim Harris about the student numbers, if they are about the same or going down.

Chaz Tepfer stated that it is going down we are limited due to social distancing. Chaz Tepfer stated he was able to get a little more one to one with faculty. Mark Holcomb mentioned that some of the students moved to the new machining program and may come back next semester.

Jim Harris asked if the school needed a second full time instructor.

Chaz Tepfer stated he did not think so that they were teaching Monday thru Thursday and an added Friday. We have two adjuncts that do the evening courses. Shana Drury added to that by stating that the facility did not have any room to have more students.

Mark Patterson noticed the added some dual wire feeders and he asked if we added more would benefit the program.

Chaz Tepfer mentioned that the machines on the other side were CC machines, but he did have two machines that it would be beneficial to have them on to work MIG or TIG.

Joey Davis stated he would like to see that all the booths had capabilities to do everything necessary without moving around.

Ty Bagwill asked the committee for a motion to approve the workplace competency as presented. Jim Harris made a motion to approve the workplace competencies as presented. Joey Davis seconded the motion.

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

❖ **Review program curriculum/courses/degree plans**

Ty Bagwill asked will the faculty member, Chaz Tepfer, to discuss the program’s curriculum and degree plan for 2021-2022 with the committee.

Chaz Tepfer reviewed the following information with the committee.

Basic Welding, Level 1 Certificate

CIP 48.0508

Instructional Location – Skills Training Center

CERTIFICATE OF COMPLETION (Probable Completion Time - 32 weeks or 2 semesters)

Major Requirements (25 SH)

| | | |
|------------------|---|-----------|
| LEAD 1100 | Workforce Development with Critical Thinking | 1 |
| WLDG 1317 | Introduction to Layout and Fabrication | 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: | 26 |

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

Advanced Welding, Level 1 Certificate

CIP 48.0508

Instructional Location – Skills Training Center

CERTIFICATE OF COMPLETION (Probable Completion Time - 32 Weeks or Two Semesters)**Major Requirements (20 SH)**

| | | |
|------------------|---|-----------|
| WLDG 1327 | Welding Codes and Standards | 3 |
| WLDG 2413 | Intermediate Welding Using Multiple Processes | 4 |
| WLDG 2453 | Advanced Pipe Welding | 4 |
| WLDG 2443 | Advanced Shielded Metal Arc Welding (SMAW) | 4 |
| WLDG 2447 | Advanced Gas Metal Arc Welding (GMAW) | 4 |
| | Total Credit Hours: | 19 |

Welding, A.A.S.

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 |
| LEAD 1100 | Workforce Development with Critical Thinking | 1 |
| 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 |
| WLDG 1317 | Introduction To Layout And Fabrication | 3 |
| WLDG 1327 | Welding Codes and Standards | 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 |
| WLDG 2413 | Intermediate Welding Using Multiple Processes | 4 |
| WLDG 2453 | Advanced Pipe Welding | 4 |
| WLDG 2443 | Advanced Shielded Metal Arc Welding (SMAW) | 4 |
| WLDG 2447 | Advanced Gas Metal Arc Welding (GMAW) | 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

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

Course descriptions and learning outcomes provided as a separate document.

Chaz Tepfer explained the decrease in credit hours from WLDG1427 to WLDG1327 to allow the LEAD 1100. It will not change contact hours, or course load it will just be a three credit hour course.

Shana Drury explained the addition of LEAD 1100. After a comprehensive local needs assessment for the twelve county area. The employers (100%) and faculty (93%) stated that they wanted to add this course, it would be an added value to the programs. Every Career and Technical Education course will be taught mostly in the fall. Once they finish the course the student will be able to test for a certificate in work ethics.

Kade Mullens stated that it sounds like a course that would benefit the students.

Mark Patterson stated that those would be good skills for students.

❖ **Approve program revisions (if applicable)**

Ty Bagwill asked for a motion to approve the program revisions as presented.

Joey Davis made a motion to approve the program revisions as presented.

Johnny Brown seconded the motion.

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

❖ **Approve SCANS, General Education, Program Outcomes, and Institutional Outcome Matrices.**

Ty Bagwill asked the faculty member, Chaz Tepfer, to discuss the matrices with the committee.

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.

| | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|--|---|
| 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 | | X | WLDG 2443 | Advanced Shielded Metal Arc Welding (SMAW) |
| X | X | X | X | X | X | | X | WLDG 2447 | Advanced Gas Metal Arc Welding (GMAW) |
| X | X | | | X | X | | X | WLDG 1337 | Introduction to Welding Metallurgy |
| X | X | X | X | X | X | | X | WLDG 1313 | 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 | |

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: 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 | WLDG 2443 | Advanced Shielded Metal Arc Welding (SMAW) |
| X | X | | X | X | X | WLDG 2447 | Advanced Gas Metal Arc Welding (GMAW) |
| 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 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: 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 | 7 | | | | |
| X | X | | | | | X | WLDG 2443 | Advanced Shielded Metal Arc Welding (SMAW) | | |
| X | | X | | | | X | WLDG 2447 | Advanced Gas Metal Arc Welding (GMAW) | | |
| | | | | | | 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 | | |
| | | | | | | | 7. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint. | | | |
| | | | | | | | 6. Safely demonstrate Metal Cored Arc Welding (MCAW) 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. | | | |
| | | | | | | | 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. | | | |

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.

| 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 | 7 | |
| 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 |
| | | | | | | | 7. Select appropriate materials, tools, and equipment to construct metal projects to specification as dictated by blueprint. |
| | | | | | | | 6. Safely demonstrate Metal Cored Arc Welding (MCAW) 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. |
| | | | | | | | 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. |

Ty Bagwill opened the floor for discussion and recommendations from the committee. Hearing no discussion, Ty Bagwill asked for a motion to approve the matrices as presented.

Jim Harris made a motion to approve the matrices as presented.

Mark Patterson 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

Ty Bagwill asked the faculty member, Chaz Tepfer, to review the following information with the committee.

- Program Statistics:
 - Graduates 2019-2020: Fall 2019/9, Spring 2020/8 Summer 2020/2
 - Enrollment Summer 2020: 63
 - Majors Fall 2020-2021: 63
 - Enrollment Fall 2020: 118
 - Enrollment Fall 2019 185

❖ **Local Demand**

Ty Bagwill stated that the program is still needed but they are not hiring right now. Hopefully, in the future they will have some opening.

Mark Patterson they are not hiring but possibly after the first of the year. They will have the funding to open up jobs. He stated the workforce is getting older so he thinks there will be future need.

Johnny Brown stated that he has been getting many calls in the last week or two. There are many lay-offs and there are not a lot of jobs open in Wichita Falls right now.

Jim Harris welding will come back it is just a matter of when. It is here to stay it just has slow times. It will always be something necessary.

Jeremy Palacios stated that he has seen some recent graduates out in the workforce.

❖ **Evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.**

Ty Bagwill asked if the committee had the time to see the labs if not please take the time after the meeting.

The weld shop has recently added four new dual wire fed machines to the program.

Chaz Tepfer asked Mark Patterson about his earlier comment about dual feed. Mark Patterson stated that would give the flexibility of the workstations.

Ty Bagwill stated that the dual feed is a nice addition to have on machines.

Jim Harris asked about what the courses learn submerged arc.

Chaz Tepfer stated we field trip to see it and we do show videos during blueprint reading and weld symbols.

Mark Patterson thought a submerged arc machine might be a good addition in the future.

Mark Patterson and Jim Harris discussed pricing on a new submerged arc machine, sizing of the machine, and placement for the shop. Area of 12 by 6 and the electricity, 460 three phase, to run a machine. Mark Holcomb stated the lab was set up for the electricity. Roughly \$40,000 for one unit for the set up.

Mark Patterson stated this would be for a more advanced class in the future.

For now, Jim Harris stated that field trips to watch them operate one would be a starting point prior to actually being able to purchase a machine.

❖ **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, jditmore@vernoncollege.edu.”

| Placement Rate of Program Completers by Reporting Year [1] | | | | | | | | | | | | |
|--|-----------|-----|--------|-----------|-----|------|-----------|-----|--------|----------------|-----|--------|
| Program | 2015-2016 | | | 2016-2017 | | | 2017-2018 | | | 3-Year Average | | |
| | Plc | Cmp | % | Plc | Cmp | % | Plc | Cmp | % | Plc | Cmp | % |
| 48050000-Precision Metal Working | 23 | 24 | 95.83% | 35 | 35 | 100% | 20 | 21 | 95.24% | 78 | 80 | 97.50% |

❖ **Professional development of faculty and recommendations**

Ty Bagwill asked the committee to take the opportunity to review the professional development opportunities the faculty has taken or will take.

Vernon College has several faculty development opportunities throughout the year, face-to-face and online development training. Including training for distance learning.

Chaz Tepfer stated he would like to attend some AWS trainings in the metroplex but they were canceled and he has not received any new notifications.

Jim Harris mentioned a website, NationalBoard.org for online trainings that Chaz could take advantage of and even share with the welding students.

Ty Bagwill asked if there was any discussion or recommendations for professional development for the faculty.

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

Ty Bagwill asked the committee to review the promotion and publicity opportunities that those leading the program have taken advantage of.

Vernon College is always trying to promote the Welding Program through several outlets: Vernon College website and social media.

The welding program video.

Posters advertising all Career and Technical Education will be distributed to all area high schools. A virtual preview day is being offered this fall and spring.

Face to Face recruiting has been limited this year due to COVID-19.

Ty Bagwill asked if there was any further discussion, hearing none he moved to special populations.

❖ **Serving students from special populations:**

Ty Bagwill asked the committee to please note the federal definition of special populations below. Would the faculty member, Chaz Tepfer, to discuss the services below for students who qualify.


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 non-traditional fields; The Welding Program Currently has 5 Female Students
 - d. Single parents, including single pregnant women;
 - 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).

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.

Ty Bagwill asked if there was any further discussion, hearing none he adjourned the meeting at 5:29pm.

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| Recorder Signature  | Date 11-3-2020 | Next Meeting: Fall 2021 |
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