



**Wharton County
Junior College**

**Proposed Agenda Item
Board of Trustees Meeting**

Date of Board Meeting: May 16, 2017 Date of This Proposal: May 1, 2017

SUBJECT: Welding Course Fees

RECOMMENDATION:

Implement the following fees by course:

WLDG 1413 Introduction to Blueprint Reading for Welders – American Welding Society
Certification Program \$150.00

WLDG 1428 Introduction to Shielded Metal Arc Welding – Certified Destructive Test \$75.00

WLDG 1457 Intermediate Shielded Metal Arc Welding – Certified Destructive Test \$75.00

WLDG 2453 Advanced Pipe Welding – Certified Destructive Test \$75.00

BACKGROUND/RATIONALE:

In an effort to further prepare WCJC welding graduates for entrance into the workforce, the Welding Advisory Committee has recommended two enhancements to existing coursework. The first recommendation is integration of the American Welding Society's (AWS) online Certificate program into WLDG 1413 Introduction to Blueprint Reading for Welders. Through the online AWS portal, students are able to test for twelve different AWS certifications to prove mastery of theoretical/academic concepts. These certifications are industry recognized and will enhance graduate job applications as proof of mastery of basic competencies. Topics include safety, symbols, math, metallurgy, and non-destructive testing. Testing will be incorporated into the WLDG 1413 curriculum and be a part of the course curriculum. The second recommendation is to submit student welds for Destructive Testing, an industry standard test, conducted by a certified tester outside of the college. A successful test will result in a certificate of success and proof of mastery of hands-on competencies. In WLDG 1428 the proposed fee will cover the cost of a Fillet Break test. In WLDG 1457 the proposed fee will cover the cost of a Plate Bend test. In WLDG 2453 the proposed fee will cover the cost of a Pipe Bend Test.

Estimated Cost and Budgetary Support (how will this be paid for?):

All proposed fees cover direct costs incurred by the program for proposed curriculum recommendations.

RESOURCE PERSON(S) [name(s) and title(s)]: Aaron Ditmar – Welding Program Director

SIGNATURES:

Megan Costanzo
Originator

5/3/17
Date

JLW
Cabinet-Level Supervisor

5-5-17
Date

PRESIDENT'S APPROVAL:

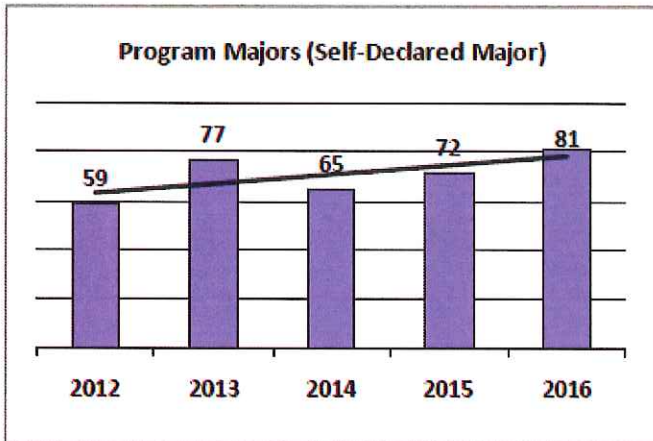
Bobby A. McClellan

5-8-17

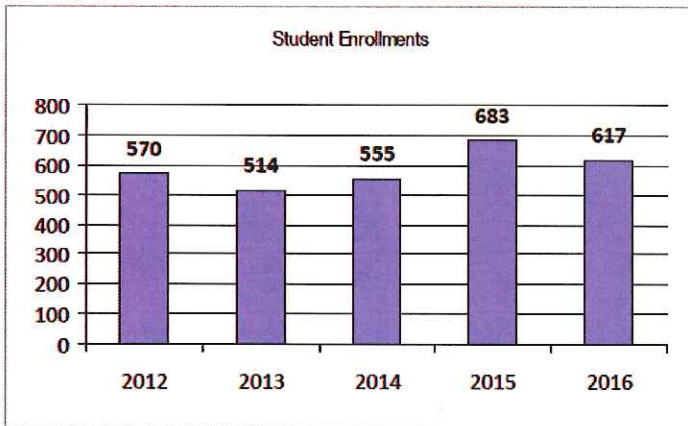


To: Leigh Ann Collins, VPI
 From: Megan Costanza, DVI and Tim Guin, Division Chair
 Re: Welding Fees for Fall 2017

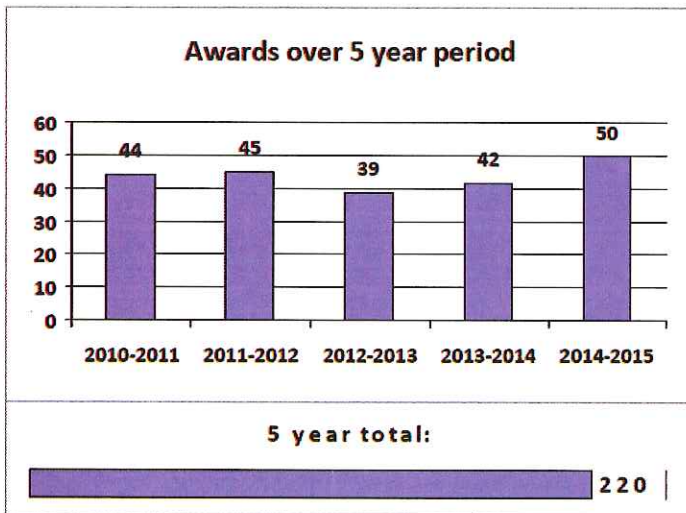
The following charts from WCJC Institutional Research provide Welding Program data:



Students declaring a Welding Major have increased since 2014.



Student enrollments (duplicated) increased from 2014-2015. Total enrollment dropped in Fall 2016, even though total number of unduplicated majors increased. This indicates the drop in total course enrollment could be attributed to more PT student enrollment.



Certificates awarded dropped over the 2012-2013 school year, but increased again over the next two years. Over five years a total of 220 certificates have been awarded in the Welding Program.

TSTC- Fort Bend offers a Welding Combination Certificate with 35SCH over 3 semesters, a total of 9 classes. The total cost of the certificate is \$8,891 including tuition, textbooks, tools, and equipment.

WCJC offers a Welding Combination Certificate with 40SCH over 3 semesters, a total of 10 classes. The total cost of the certificate is \$6,214 for in-district students and \$8,254 for out-of-district students, including tuition, fees, tools, and equipment. Both in and out of district students will still pay less at WCJC than at TSTC Fort Bend, and the certificate includes an additional course.

Campus	Total SCH	Total Cost 2015-2016	Total Cost 2016-2017 <i>Proposed</i>	
TSTC – Fort Bend	35	\$8,891	\$8,891	
WCJC In District	39	\$5,839	\$6,214	\$2,677 less than TSTC-Waco
WCJC Out-of-District	39	\$7,879	\$8,254	\$637 less than TSTC-Waco

TSTC 35 SCH Combination Welding Certificate Ft. Bend

Sem	Total Hours	Tech Hours	Tech Tuition @ \$137 per Credit Hour	Academic Hours	Academic Tuition @ \$82 per Credit Hour	Designated Tuition @ \$46	Textbooks & Supplies	Tools & Equipment	Semester Total
1	11	11	1,507.00	0.00	0.00	506.00	650.00	550.00	2,773.00
2	12	12	1,644.00	0.00	0.00	552.00	550.00	550.00	3,102.00
3	12	12	1,644.00	0.00	0.00	552.00	550.00	750.00	3,016.00
Totals	35	35	4,795.00	0.00	0.00	1,610.00	1,750.00	1,850.00	8,891.00

Cost per SCH \$254.03

WCJC 40 SCH Current Combination and Pipe Welding Certificate

In District	Sem	Total Hours	Tuition @ \$88 per Credit Hour	Technology Fee	Lab Fee	Material Fee \$75 (Except 1413)	Textbooks	Tools & Equipment	Semester Total
	1	12	\$1,056.00	\$55.00	\$105.00	\$150.00	\$196.00	\$460.00	\$2,022.00
	2	16	\$1,408.00	\$55.00	\$105.00	\$300.00	\$38.00	\$450.00	\$2,356.00
	3	12	\$1,056.00	\$55.00	\$105.00	\$225.00		\$20.00	\$1,461.00
Totals		40	\$3,520.00	\$165.00	\$315.00	\$675.00	\$234.00	\$930.00	\$5,839.00

Cost per SCH \$145.98

WCJC 40 SCH Current Combination Welding Certificate

Out of District	Sem	Total Hours	Tuition @ \$139 per Credit Hour	Technology Fee	Lab Fee	Material Fee \$75 (Except 1413)	Textbooks	Tools & Equipment	Semester Total
	1	12	\$1,668.00	\$55.00	\$105.00	\$150.00	\$196.00	\$460.00	\$2,634.00
	2	16	\$2,224.00	\$55.00	\$105.00	\$300.00	\$38.00	\$450.00	\$3,172.00
	3	12	\$1,668.00	\$55.00	\$105.00	\$225.00		\$20.00	\$2,073.00
Totals		40	\$5,560.00	\$165.00	\$315.00	\$675.00	\$234.00	\$930.00	\$7,879.00

Cost per SCH \$196.98

TSTC 35 SCH Combination Welding Certificate Ft. Bend

Sem	Total Hours	Tech Hours	Tech Tuition @ \$137 per Credit Hour	Academic Hours	Academic Tuition @ \$82 per Credit Hour	Designated Tuition @ \$46	Textbooks & Supplies	Tools & Equipment	Semester Total
1	11	11	1,507.00	0.00	0.00	506.00	650.00	550.00	2,773.00
2	12	12	1,644.00	0.00	0.00	552.00	550.00	550.00	3,102.00
3	12	12	1,644.00	0.00	0.00	552.00	550.00	750.00	3,016.00
Totals	35	35	4,795.00	0.00	0.00	1,610.00	1,750.00	1,850.00	8,891.00

Cost per SCH \$254.03

TSTC 49 SCH Combination & Pipe Welding Certificate Offered In Waco Not Ft. Bend

Sem	Total Hours	Tech Hours	Tech Tuition @ \$137 per Credit Hour	Academic Hours	Academic Tuition @ \$82 per Credit Hour	Designated Tuition @ \$46	Textbooks & Supplies	Tools & Equipment	Semester Total
1	11	11	\$1,507.00	\$0.00	\$0.00	\$506.00	\$650.00	\$550.00	\$2,773.00
2	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$550.00	\$550.00	\$3,102.00
3	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$550.00	\$750.00	\$3,016.00
4	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$50.00	\$1,150.00	\$2,916.00
Totals	47	47	\$6,439.00	\$0.00	\$0.00	\$2,162.00	\$1,800.00	\$3,000.00	\$11,807.00

Cost per SCH \$251.21

WCJC 40 SCH Current Combination and Pipe Welding Certificate

In District	Tuition @ \$88 per Credit Hour	Technology Fee	Lab/New Fees	Material Fee \$75 (Excerpt 1413)	Textbooks	Tools & Equipment		
1	12	\$1,056.00	\$55.00	\$330.00	\$150.00	\$196.00	\$460.00	\$2,247.00
2	16	\$1,408.00	\$55.00	\$180.00	\$300.00	\$38.00	\$450.00	\$2,431.00
3	12	\$1,056.00	\$55.00	\$180.00	\$225.00		\$20.00	\$1,536.00
Totals	40	\$3,520.00	\$165.00	\$690.00	\$675.00	\$234.00	\$930.00	\$6,214.00

Cost per SCH \$155.35

WCJC 40 SCH Current Combination Welding Certificate

Out of District	Tuition @ \$139 per Credit Hour	Technology Fee	Lab/New Fees	Material Fee \$75 (Excerpt 1413)	Textbooks	Tools & Equipment		
1	12	\$1,668.00	\$55.00	\$330.00	\$150.00	\$196.00	\$460.00	\$2,859.00
2	16	\$2,224.00	\$55.00	\$180.00	\$300.00	\$38.00	\$450.00	\$3,247.00
3	12	\$1,668.00	\$55.00	\$180.00	\$225.00		\$20.00	\$2,148.00
Totals	40	\$5,560.00	\$165.00	\$690.00	\$675.00	\$234.00	\$930.00	\$8,254.00

Cost per SCH \$206.35

Proposed

TSTC 35 SCH Combination Welding Certificate Ft. Bend

Sem	Total Hours	Tech Hours	Tech Tuition @ \$137 per Credit Hour	Academic Hours	Academic Tuition @ \$82 per Credit Hour	Designated Tuition @ \$46	Textbooks & Supplies	Tools & Equipment	Semester Total
1	11	11	1,507.00	0.00	0.00	506.00	650.00	550.00	2,773.00
2	12	12	1,644.00	0.00	0.00	552.00	550.00	550.00	3,102.00
3	12	12	1,644.00	0.00	0.00	552.00	550.00	750.00	3,016.00
Totals	35	35	4,795.00	0.00	0.00	1,610.00	1,750.00	1,850.00	8,891.00

Cost per SCH \$254.03

TSTC 49 SCH Combination & Pipe Welding Certificate Offered In Waco Not Ft. Bend

Sem	Total Hours	Tech Hours	Tech Tuition @ \$137 per Credit Hour	Academic Hours	Academic Tuition @ \$82 per Credit Hour	Designated Tuition @ \$46	Textbooks & Supplies	Tools & Equipment	Semester Total
1	11	11	\$1,507.00	\$0.00	\$0.00	\$506.00	\$650.00	\$550.00	\$2,773.00
2	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$550.00	\$550.00	\$3,102.00
3	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$550.00	\$750.00	\$3,016.00
4	12	12	\$1,644.00	\$0.00	\$0.00	\$552.00	\$50.00	\$1,150.00	\$2,916.00
Totals	47	47	\$6,439.00	\$0.00	\$0.00	\$2,162.00	\$1,800.00	\$3,000.00	\$11,807.00

Cost per SCH \$251.21

WCJC 40 SCH Current Combination and Pipe Welding Certificate

In District	Tuition @ \$88 per Credit Hour	Technology Fee	Lab Fee	Material Fee \$75 (Except 1413)	Textbooks	Tools & Equipment		
1	12	\$1,056.00	\$55.00	\$105.00	\$150.00	\$196.00	\$460.00	\$2,022.00
2	16	\$1,408.00	\$55.00	\$105.00	\$300.00	\$38.00	\$450.00	\$2,356.00
3	12	\$1,056.00	\$55.00	\$105.00	\$225.00		\$20.00	\$1,461.00
Totals	40	\$3,520.00	\$165.00	\$315.00	\$675.00	\$234.00	\$930.00	\$5,839.00

Cost per SCH \$145.98

WCJC 40 SCH Current Combination Welding Certificate

Out of District	Tuition @ \$139 per Credit Hour	Technology Fee	Lab Fee	Material Fee \$75 (Except 1413)	Textbooks	Tools & Equipment		
1	12	\$1,668.00	\$55.00	\$105.00	\$150.00	\$196.00	\$460.00	\$2,634.00
2	16	\$2,224.00	\$55.00	\$105.00	\$300.00	\$38.00	\$450.00	\$3,172.00
3	12	\$1,668.00	\$55.00	\$105.00	\$225.00		\$20.00	\$2,073.00
Totals	40	\$5,560.00	\$165.00	\$105.00	\$675.00	\$234.00	\$930.00	\$7,879.00

Cost per SCH \$196.98

Current