

2011 - 2012 - Welding Program Tuition & Fees						
Course Number	Course Name	Credit Hours	Cont Hours	WCH	Total Cost	
					In Dist	Out of Dist
	Registration Fee of \$15 per semester.				15.00	15.00
	Welding Level 1					
WLD-10120-00M	Welding Safety	0.13	3.0	0.19	\$29.21	\$35.48
WLD-10121-00M	AWS Joints/Positions/Welds/Symbols	0.13	3.0	0.19	\$29.21	\$35.48
WLD-10122-00M	OAW Terms & Equipment Setup	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10123-00M	OAW Stringer Beads & Joints 1G-1F	0.36	9.0	0.56	\$86.67	\$105.15
WLD-10124-00M	BW Stringer Beads & Joints	0.29	7.0	0.44	\$67.83	\$82.35
WLD-10125-00M	Cutting OA/Plasma Cutting/Carbn Arc	0.45	11.0	0.69	\$106.46	\$129.23
WLD-10126-00M	Identifying Good Welds per AWS	0.13	3.0	0.19	\$29.21	\$35.48
WLD-10127-00M	SMAW Terms/Identify Electrodes	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10128-00M	SMAW Set-up & Weld Stringer Beads	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10129-00M	SMAW Welding Joints/Flat Pos/1G-1F	0.33	8.0	0.50	\$77.25	\$93.75
WLD-10130-00M	GMAW Set-up & Weld Stringer Beads	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10131-00M	GMAW Welding Joints/Flat Pos/1G-1F	0.29	7.0	0.44	\$67.83	\$82.35
WLD-10132-00M	FCAW Set-up & Weld Stringer Beads	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10133-00M	FCAW Welding Joints/Flat Pos/1G-1F	0.29	7.0	0.44	\$67.83	\$82.35
	Welding Level 1 Totals	4.00	96.0	6.0	\$929.88	\$1,128.87
	Welding Level 2					
WLD-10240-00M	GMAW Welding Joints/Hor Pos/2G-2F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10241-00M	FCAW Welding Joints/Hor Pos/2G-2F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10242-00M	GMAW Welding Joints/Ver Pos/3G-3F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10243-00M	FCAW Welding Joints/Ver Pos/3G-3F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10244-00M	GMAW Welding Joints/Ovhd Pos/4G-4F	0.21	5.0	0.31	\$48.05	\$58.28
WLD-10245-00M	FCAW Welding Joints/Ovhd Pos/4G-4F	0.21	5.0	0.31	\$48.05	\$58.28
WLD-10246-00M	GMAW Pulse Arc/Flat Pos/1G-1F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10247-00M	GMAW Metal Core Arc Wld/Flat/1G-1F	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10248-00M	GMAW Welding Joints Aluminum/All Ps	0.33	8.0	0.50	\$77.25	\$93.75
WLD-10249-00M	Welding Blueprint Reading	0.17	4.0	0.25	\$38.63	\$46.88
WLD-10250-00M	Fab Project Using GMAW or FCAW	0.50	12.0	0.75	\$115.88	\$140.63
WLD-10251-00M	SMAW Multi-Pass Stringer/Flat/1F	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10252-00M	SMAW Multi-Pass Weave/Flat/1F	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10253-00M	SMAW Welding Joints/Hor Pos/2G-2F	0.36	9.0	0.56	\$86.67	\$105.15
WLD-10254-00M	SMAW Welding Joints/Ver Pos/3G-3F	0.36	9.0	0.56	\$86.67	\$105.15
	Welding Level 2 Totals	4.00	96.0	6.0	\$927.06	\$1,125.06
	Welding Level 3					
WLD-10370-00M	SMAW Welding Joints/Ovhd Pos/4G-4F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-10371-00M	Fabricate Project Using SMAW	0.50	12.0	0.75	\$115.88	\$140.63
WLD-10372-00M	Welding Metallurgy	0.90	22.0	1.38	\$212.91	\$258.45
WLD-10373-00M	GTAW Setup & Weld Stringer Beads	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10374-00M	GTAW Weld Joints/Steel/Flat/1G-1F	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10375-00M	GTAW Weld Jts/StainSteel/Flat/1G-1F	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10376-00M	GTAW Weld Joints/Alum/Flat/1G-1F	0.42	10.0	0.63	\$97.04	\$117.83
WLD-10377-00M	GTAW Weld Joints/Steel/Hor/2G-2F	0.42	10.0	0.63	\$97.04	\$117.83
	Welding Level 3 Totals	4.00	96.0	6.0	\$929.87	\$1,128.86
	Welding Level 4					
WLD-20450-00M	GTAW Weld Jts/Stain Steel/Hor/2G-2F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20451-00M	GTAW Weld Joints/Alum/Hor/2G-2F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20452-00M	GTAW Weld Joints/Steel/Ver/3G-3F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20453-00M	GTAW Weld Jts/Stain Steel/Ver/3G-3F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20454-00M	GTAW Weld Joints/Alum/Ver/3G-3F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20455-00M	GTAW Weld Joints/Steel/Ovhd/4G-4F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20456-00M	GTAW Weld Jts/StainSteel/Ovhd/4G-4F	0.50	12.0	0.75	\$115.88	\$140.63
WLD-20457-00M	GTAW Weld Joints/Alum/Ovhd/4G-4F	0.50	12.0	0.75	\$115.88	\$140.63
	Welding Level 4 Totals	4.00	96.0	6.0	\$927.04	\$1,125.04

	Metal Machining Level 1					
MPT-10272-00M	Machine Tool Safety	0.17	4.0	0.25	\$31.63	\$39.88
MPT-10273-00M	Identifying Surface Finishes	0.08	2.0	0.13	\$16.29	\$20.58
MPT-10274-00M	Shop Math - Speeds and Feeds	0.21	5.0	0.31	\$39.30	\$49.53
MPT-10275-00M	Sharpening Drill Bits	0.25	6.0	0.38	\$47.91	\$60.45
MPT-10276-00M	Drilling on a Press	0.17	4.0	0.25	\$31.63	\$39.88
MPT-10277-00M	Power Tap on the Drill Press	0.25	6.0	0.38	\$47.91	\$60.45
MPT-10278-00M	Drill Press Project	0.58	14.0	0.88	\$111.16	\$140.20
MPT-10279-00M	Band Saw Blade Welding	0.25	6.0	0.38	\$47.91	\$60.45
MPT-10280-00M	Vertical Band Saw Project	0.25	6.0	0.38	\$47.91	\$60.45
MPT-10281-00M	Maintaining the Lathe	0.17	4.0	0.25	\$31.63	\$39.88
MPT-10282-00M	Grinding Lathe Tools	0.25	6.0	0.38	\$47.91	\$60.45
MPT-10283-00M	Facing on the Lathe	0.21	5.0	0.31	\$39.30	\$49.53
MPT-10284-00M	Aligning Lathe Centers	0.17	4.0	0.25	\$31.63	\$39.88
MPT-10285-00M	Cutting External Threads	0.50	12.0	0.75	\$94.88	\$119.63
MPT-10286-00M	Dial in Vise/Tram in Head	0.21	5.0	0.31	\$39.30	\$49.53
MPT-10287-00M	Fly Cutter & End Mill/Square Block	0.21	5.0	0.31	\$39.30	\$49.53
MPT-10288-00M	Digital Read/Drill, Tap, & Ream	0.25	6.0	0.38	\$47.91	\$60.45
	Machining Level 1 Totals	4.18	100.0	6.28	\$793.51	\$1,000.75
	Metallurgy					
MPT-20319-00M	Property of Metals/Physical Metallurgy	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20320-00M	Constitution of Alloys	0.17	4.0	0.25	\$31.63	\$39.88
MPT-20321-00M	Carbon and Alloy steels	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20322-00M	Heat and Surface Treat for Steel	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20323-00M	Cast Irons	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20324-00M	Light Metals and Alloys	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20325-00M	Lead, Tin, and Zinc	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20326-00M	Introduction to Metallurgy	0.46	11.0	0.69	\$87.21	\$109.98
MPT-20327-00M	Examining and Identifying Metals	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20328-00M	Fundamentals of Welding & Brazing/Casting	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20329-00M	Fundamentals of Welding Stainless Steel	0.13	3.0	0.19	\$23.96	\$30.23
MPT-20330-00M	Testing Metals	0.42	10.0	0.63	\$79.54	\$100.33
	Metallurgy Totals	2.22	52.0	3.28	\$414.02	\$522.26
	Electrical					
AUT-16401-00	Basic Electricity (at central campus)	3.00	64.0	4.00	\$407.00	\$539.00
or						
OPE-14000-00M	Small Engine Electricity	3.00	64.0	4.00	\$448.00	\$580.00
or						
ELT-10103-00M	Intro to Electrical Circuits	0.30	7.5	0.47	\$80.05	\$95.56
ELT-10104-00M	Electrical Theory	0.30	7.5	0.47	\$80.05	\$95.56
ELT-10112-00M	Electrical Test Equipment	0.20	5.0	0.31	\$53.05	\$63.28
ELT-10110-00M	Basic ELT Construction Drawings	0.30	7.5	0.47	\$80.05	\$95.56
ELT-10202-00M	Alternating Current	0.70	17.5	1.09	\$186.14	\$222.11
ELT-10210-00M	Grounding	0.60	15.0	0.94	\$160.08	\$191.10
ELT-20407-00M	Basic Electronic Theory	0.40	10.0	0.63	\$107.04	\$127.83
	M-TEC Electrical Totals	3.00	64.0	4.00	\$746.46	\$891.00
	Engineering Design Technologies					
EDT-11000-00M	Detailing w/AutoCAD	3.00	64.0	4.00	\$398.00	\$530.00
	Technical Electives approved by advisor					
	AUT-16401-00 or OPE 14000-00M	2.60	38.8	2.43	\$377.57	\$457.76
	Electrical Electives	2.80	43.8	2.74	\$423.18	\$513.60
	Welding and Fabricating Certificate of Completion					
	Welding Level 1	4.00	96.0	6.00	\$929.88	\$1,128.87
	Welding Level 2	4.00	96.0	6.00	\$927.06	\$1,125.06
	Welding Level 3	4.00	96.0	6.00	\$929.87	\$1,128.86
	Welding Level 4	4.00	96.0	6.00	\$927.04	\$1,125.04
	Metal Machining Level 1	4.18	100.0	6.25	\$793.51	\$1,000.75
	Metallurgy	2.22	52.0	3.25	\$414.02	\$522.26
	Electrical (3.0 at central campus)	3.00	85.0	5.31	\$746.46	\$891.00
	Detailing w/AutoCAD	3.00	64.0	4.00	\$398.00	\$530.00
	Technical Electives (1.6 at central campus)	2.20	28.8	1.80	\$423.18	\$513.60
	W & F Certificate of Completion - Totals	30.60	713.8	44.61	\$6,489.02	\$7,965.44

Welding and Fabricating Associate in Applied Science						
	Welding Level 5					
WLD-20510-00M	Introduction to Pipe Welding	0.21	5.0	0.31	\$48.05	\$58.28
WLD-20511-00M	Pipe Welding 2G Fixed Position	0.67	16.0	1.00	\$154.50	\$187.50
WLD-20512-00M	Pipe Welding 5G Fixed Pos/Vert Up	1.04	25.0	1.56	\$241.17	\$292.65
WLD-20513-00M	Pipe Welding 5G Fixed Pos/Vert Down	1.04	25.0	1.56	\$241.17	\$292.65
WLD-20514-00M	Pipe Welding 6G Fixed Position	1.04	25.0	1.56	\$241.17	\$292.65
	Welding Level 5 Totals	4.00	96.0	5.99	\$926.06	\$1,123.73
	Welding Level 6					
WLD-20606-00M	6 Welder Qualifications & Projects	4.00	96.0	6.00	\$927.00	\$1,125.00
	Welding Level 6 Totals	4.00	96.0	6.00	\$927.00	\$1,125.00
	General Education					
	Satisfactory Reading Placement					
	Humanities Elective	3.00	48.0	3.00	\$331.50	\$430.50
	Science Elective with lab	4.00	80.0	5.00	\$522.50	\$687.50
	Social Science Elective	3.00	48.0	3.00	\$331.50	\$430.50
ENG-10303	English Composition I w/Computers	3.00	48.0	3.00	\$331.50	\$430.50
ENG-10000	Writing Lab (does not count toward degree)	0-1.00	32.0	2.00	\$236.00	\$302.00
ENG-10403	English Composition II w/Computers	3.00	48.0	3.00	\$331.50	\$430.50
or						
ENG-106--	Technical Writing	3.00	48.0	3.00	\$331.50	\$430.50
MTH-12000	Intermediate Algebra	3.00	64.0	4.00	\$427.00	\$559.00
POL-10100	Introduction to American Government	3.00	48.0	3.00	\$331.50	\$430.50
SPE-10500	Fundamentals of Speech	3.00	48.0	3.00	\$286.50	\$385.50
or						
SPE-11400	Intro to Interpersonal & Public Communication	3.00	48.0	3.00	\$286.50	\$385.50
	General Education Totals	25.00	432.0		\$3,129.50	\$4,086.50
	Welding and Fabricating Associate Degree					
	Welding and Fabricating Certificate of Completion	30.60	713.8		\$6,489.02	\$7,965.44
	Welding Level 5	4.00	96.0		\$926.06	\$1,123.73
	Welding Level 6	4.00	96.0		\$927.00	\$1,125.00
	General Education	25.00	432.0		\$3,129.50	\$4,086.50
	W & F Associate Degree - Totals	63.60	1,337.8		\$11,471.58	\$14,300.67
	Additional Welding Electives					
WLD-20701-00M	Directed Study - Welding Techniques	1.00	24.0	1.50	\$231.75	\$281.25
WLD-20702-00M	Directed Study - Welding Techniques	1.00	24.0	1.50	\$231.75	\$281.25
WLD-20703-00M	Directed Study - Welding Techniques	1.00	24.0	1.50	\$231.75	\$281.25

REV:6/17/11