



WELDING

DEGREE PROGRAM CURRICULUM

FIRST YEAR – FALL SEMESTER

COURSE	CREDITS
IND 201 Metallurgy	2
MAT 113 Introduction to Contemporary Mathematics OR MAT100 Mathematics for Applied Technologies MAT 106 Technical Mathematics	3-4
WEL 150 Oxy-Acetylene Fusion Welding I	1
WEL 151 Oxy-Acetylene Fusion Welding II	2
WEL 152 Brazing & Soldering	1
WEL 153 Oxy-Acetylene Cutting	1
WEL 154 Arc Welding I	2
WEL 155 Arc Welding II	2
WEL 156 Arc Welding III	1
WEL 200 Welding Theory	2
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FIRST YEAR – SPRING SEMESTER

COURSE	CREDITS
ENG 101 English Composition I ¹ OR	3
ENG 113 Professional Technical Writing	1
MAC 180 Blueprint Reading	3
WEL 157 Arc Welding IV	1
WEL 158 Arc Welding V	1
WEL 159 Arc Welding	1
WEL 160 M.I.G. Welding	2
WEL 161 Cored Wire Welding	2
WEL 162 T.I.G. Welding	1
WEL 163 Weld Testing & Inspection ¹	2
WEL 198 T.I.G. Welding Aluminum	1
WEL 199 T.I.G. Welding Stainless Steel	1
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SECOND YEAR – FALL SEMESTER

COURSE	CREDITS
IDM 210 Hydraulics and Pneumatics	4
MAC 200 Machine Tool Laboratory	4
SPE 115 Speech OR SPE 116 Interpersonal Communication	3
WEL 188 Welding Laboratory I	1
WEL 189 Welding Laboratory II	1
WEL 190 Welding Laboratory III	1
WEL 191 Welding Laboratory IV	1
WEL 195 Special Problems in Welding	2
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SECOND YEAR – SPRING SEMESTER

COURSE	CREDITS
DRT 185 Computer Graphics I	2
DRT 192 Blueprint Reading	3
PHY 121 Technical Physics - Mechanical	3
PSY 132 General Psychology	3
WEL 192 Introduction to Pipe Welding	1
WEL 193 Pipe Welding	1
WEL 194 Pipe Welding	2
WEL 196 M.I.G. Welding Aluminum	1
WEL 197 M.I.G. Welding Stainless Steel	1
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¹ Requires a grade of "C" or higher.

WELDING

CERTIFICATE PROGRAM CURRICULUM

FIRST YEAR – FALL SEMESTER

COURSE	CREDITS
IND 201 Metallurgy	2
WEL 150 Oxy-Acetylene Fusion Welding I	1
WEL 151 Oxy-Acetylene Fusion Welding II	2
WEL 152 Brazing & Soldering	1
WEL 153 Oxy-Acetylene Cutting	1
WEL 154 Arc Welding I	2
WEL 155 Arc Welding II	2
WEL 156 Arc Welding III	1
WEL 200 Welding Theory	2
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FIRST YEAR – SPRING SEMESTER

COURSE	CREDITS
MAC 180 Blueprint Reading	3
WEL 157 Arc Welding IV	1
WEL 158 Arc Welding V	1
WEL 159 Arc Welding	1
WEL 160 M.I.G. Welding	2
WEL 161 Cored Wire Welding	2
WEL 162 T.I.G. Welding	1
WEL 163 Weld Testing & Inspection	2
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Both degree and certificate programs certified in the Sense Level 1 & 2 through the American Welding Society.

POLICY ON ADMISSIONS

To be eligible for admission, students must have graduated from an accredited high school or attained the equivalent education level as determined by the college. Students seeking admission to the college's Baccalaureate Transfer Division must satisfy high school course pattern requirements as well as meet provisions of standardized tests. Non graduates may apply for admission if scholastic records, test scores, and other data indicate to the satisfaction of the college that the student will be able to do college-level work. Satisfactory completion of the General Education Development test may be accepted in lieu of a high school diploma. All new students are expected to take counseling and placement examinations as advised by the office of admissions. Counselors will use the results to advise, recommend, and in certain cases, require students to enroll in particular courses or programs of study. All students must provide transcripts of high school work or transcripts or credits hours.

PLACEMENT

A job placement service is provided for all John A. Logan College graduates in an effort to assist students in finding gainful employment. Each year, new graduates prepare or update resumes and submit them to the College Placement office. Employers then contact the College to arrange for interviews with qualified students.



JOHN A. LOGAN COLLEGE

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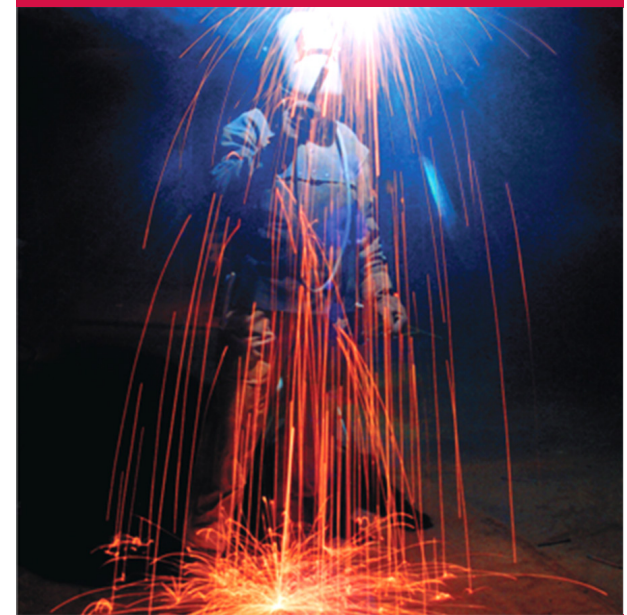
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*John A. Logan College does not discriminate
on the basis of race, religion, color, national origin,
disability, age, gender orientation.*



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