

**CONTINUING EDUCATION CURRICULUM**

See proposal Impact (PI) reports to view list of courses and/or programs that may be impacted by the following proposed actions.

**Electronics**

<p><b>*451 ELECTRONIC TECHNICIAN I</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Basic computer knowledge and internet search skills.  This is an open-entry/exit course that is designed to teach skills required for entry-level employment as an electronic technician. Students will learn the fundamentals of electricity, DC and AC circuit theory, electronic devices and basic communications electronics. Instruction includes the operation of test instruments, basic programming for testing, problem solving and safety practices and procedures. Instruction will take place in a simulated workplace enabling students to gain the necessary workplace skills. (FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Electronics**

<p><b>*452 ELECTRONIC TECHNICIAN II</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Electronic Technician I; basic computer knowledge and internet search skills.  This is an open-entry/exit course that is designed to teach skills required for entry-level employment as an electronic technician. Students will learn the fundamentals of Digital, DC and AC systems, digital technology and basic communications electronics. Instruction includes the operation of test instruments, problem solving, and safety practices and procedures. Instruction will take place in a simulated workplace enabling students to gain the necessary workplace skills.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*601 SHIELDED METAL ARC WELDING I</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Basic computer knowledge and internet search skills.  This is an open entry/exit course providing basic instruction in the Shielded Metal Arc Welding (SMAW) process on steel plates and shapes. Topics to be covered include orientation, safety, measuring tools, material types, metal cutting and preparation and SMAW procedures and practices. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry-level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*602 SHIELDED METAL ARC WELDING II</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Shielded Metal Arc Welding I; basic computer knowledge and internet search skills.  This is an open entry/exit course providing instruction in the Shielded Metal Arc Welding (SMAW) process on steel plate and shapes. Topics to be covered include orientation, safety, print reading, measuring tools, material preparation and SMAW and procedures. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry-level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*605 GAS METAL ARC WELDING</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Shielded Metal Arc Welding II; basic computer and internet search skills.  An open-entry/exit course providing instruction in the Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) on ferrous and non-ferrous materials. Topics to be covered include orientation, safety, equipment, measuring tools, materials, cutting, GMAW and FCAW practices and procedures. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*606 FLUX CORED ARC WELDING</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Gas Metal Arc Welding; basic computer knowledge and internet search skills.  An open-entry/exit course providing instruction in the utilizing of the Flux Cored Arc Welding Self Shielded (FCAW-S) processes, on ferrous materials. Topics to be covered include orientation, safety, print reading, measuring tools, material cutting, FCAW-S practices and procedures. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*611 PIPE WELDING I</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Shielded Metal Arc Welding II; basic computer knowledge and internet search skills.                  This is an open-entry/exit course providing instruction in Pipe Welding using the Shielded Metal Arc Welding (SMAW) on ferrous materials. Topics include orientation, safety, measuring tools, material types, metal cutting, preparation, pipe welding practices and procedures. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*612 PIPE WELDING II</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Pipe Welding I; basic computer knowledge and internet search skills.                  This is an open-entry/exit course providing instruction in Pipe Welding using the Shielded Metal Arc Welding (SMAW) on ferrous materials. Topics include orientation, safety, print reading, metal cutting, preparation, pipe welding practices and procedures. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*621 GAS TUNGSTEN ARC WELDING I</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Basic computer knowledge and Internet search skills.                  This is an open-entry/exit course that is designed to provide basic instruction and applied techniques in the Gas Tungsten Arc Welding (GTAW) process on ferrous sheet, tube, and pipe. Topics to be covered include orientation, safety, measuring tools, material types, metal cutting and GTAW procedures and practices. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry-level and/or journeyman positions. (FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*622 GAS TUNGSTEN ARC WELDING II</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Gas Tungsten Arc Welding I; basic computer knowledge and internet search skills.  This is an open-entry/exit course that provides basic instruction and applied techniques in the Gas Tungsten Arc Welding (GTAW) process on non-ferrous materials. Topics include orientation, safety, measuring tools, material types, metal cutting and preparation. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry-level and/or journeyman positions.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*631 METAL FABRICATION I</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of SMAW I, GMAW and GTAW I; basic computer knowledge and internet search skills.  This is an open-entry/exit course that is designed to teach skills required for entry-level employment in the metal fabrication trade. Students will learn how to interpret prints, use measuring tools, use shop equipment, layout, oxy-fuel and plasma cutting, and fitting metal using hydraulic, pneumatic and hand tools with precision. Students successfully completing this course will be prepared for entry-level positions in metal fabrication.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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**Industrial Technology**

<p><b>*632 METAL FABRICATION II</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Satisfactory completion of Metal Fabrication I and GMAW II; basic computer knowledge and internet search skills.  This is an open-entry/exit course to teach skills required for entry-level employment in the metal fabrication trade. Students will learn, in a simulated work environment, how to read and interpret prints, use measuring tools and shop equipment, layout, perform plasma cutting, and fitting metal items using hydraulic, pneumatic and hand tools with precision. Students successfully completing this course will be prepared for entry-level positions in metal fabrication.(FT)</p>	<p><b>Offered At:</b> None</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Originating Campus:</b> Continuing Education</p> <p><b>Effective:</b> Fall 2012</p>
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*Approved*

**Curriculum Instructional Council  
Actions Approved – May 10, 2012**

***PROGRAM CHANGES***

\*Business Information Technology

**Program Revision- *Approved***

Office Systems- Continuing Education: Fall 2012

**Certificate of Completion Front Desk/Office Assistant Program**

\*Electronics Technician

**New Program- *Approved***

Electronics Technician- Continuing Education: Fall 2012

**Certificate of Completion Electronics Technician Program**

\*Industrial Technology

**New Program- *Approved***

Industrial Technology- Continuing Education: Fall 2012

**Certificate of Completion Shielded Metal Arc Welding Program**

\*Industrial Technology

**New Program- *Approved***

Industrial Technology- Continuing Education: Fall 2012

**Certificate of Completion Gas Metal Flux Cored Arc Welding Program**

\*Industrial Technology

**New Program- *Approved***

Industrial Technology- Continuing Education: Fall 2012

**Certificate of Completion Pipe Welding Program**

\*Industrial Technology

**New Program- *Approved***

Industrial Technology- Continuing Education: Fall 2012

**Certificate of Completion Gas Tungsten Arc Welding Program**

\*Industrial Technology

**New Program- *Approved***

Industrial Technology- Continuing Education: Fall 2012

**Certificate of Completion Metal Fabrication Program**