



## AGRICULTURE - Equipment Operations and Maintenance Certificate 2017-2018

This curriculum is designed to provide employable skills essential to several occupations and emphasizes the “learning-by-doing” method of instruction on modern, up-to-date equipment.

### REQUIREMENTS FOR CERTIFICATE

<b>First Semester (Fall):</b>			<b># of Units</b>
AGMA	44	Intro to Construction Skills for Ag/Nat Res <b>OR</b>	
WELD	70	Beginning Welding	3
CONS	45	Career Planning/Leadership for Heavy Equip	2
CONS	46	Equipment Operations and Maintenance *Requires pre-enrollment drug test	3
CONS	48	Surveying for Equipment Operators	2
MATH♦	100	Technical Applications of Mathematics	3

### Second Semester (Spring):

CONS	47	Project Construction for Equipment Operations *SAP	3
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### Take 6-6.5 Units from this group:

AGPS	24	Soils	3
CONS	149	Class A & B License Training *SAP	3
DIES	48	Hydraulics	3.5
WELD	73	Structural Steel Metal Fabrication	3

### Take 1-4 units of the following courses:

CONS	55A	Equipment Operations Skills Development (1) *SAP	1-4
CONS	55B	Equipment Operations Pad Construction(1) *SAP	
CONS	55C	Equipment Operations Roadway Construction (1) *SAP	
CONS	55D	Equipment Operations Global Satellite System (1) *SAP	
CONS	94	Worksite Learning Construction Technology (1-4) (F/S)	

AGNR	66A	Watershed Restoration Practicum I	1
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♦ Completion of MATH 100 is not necessary if the student has a Math placement level 3 or higher.  
SAP = Substance Abuse Program; you must be enrolled in the Shasta College SAP.

## TOTAL UNITS FOR CERTIFICATE **24 – 27.5 Units**

**Business, Agriculture, Industry, Technology & Safety**

**(530) 242-7560**

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“F” (Fall) and “S” (Spring) indicates which semester a course is usually offered.

“I” indicates course may not be offered every year. **Subject to change.**