



**TRINITY VALLEY COMMUNITY COLLEGE  
ADMINISTRATIVE-MASTER SYLLABUS**

The Administrative- Master Syllabus is an administrative tool; it is **not intended to be distributed to students**. It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of TVCC, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction. The Administrative-Master Syllabus will demonstrate that there is consistency and comparability in course offerings.

**Course Title      Agricultural Construction**

**Course Prefix and Number    AGRI 2303**

**Department – Division    Agriculture**

**Course Type** – select from one of the following categories.

- **Academic General Education Course** (from ACGM – but not in TVCC Core)
- **Academic TVCC Core Course**
- **WECM Courses**

**Semester Credit Hours: Lecture Hours: Lab/other hours**

Semester Credit Hours	Lecture Hours	Lab/Other* Hours
3	3	3

Other hours include practicum, clinical or other types of non-lecture instruction. \*If other, please specify: \_\_\_\_\_

**Course Catalog Description:**

This course is designed to introduce students with principles and application of carpentry, preparation of drawings, material bills, blueprint reading, tool maintenance, tool and hardware nomenclature, preparation and use of concrete. Cold metal work, arc, mig, and oxy-acetylene welding. Operation of the oxy-acetylene cutting torch and plasma cutting. Fundamentals required for successful planning and preparation to design, plan, and erect agricultural use buildings.

**Prerequisites/co requisites** NONE

**Topical Outline****Course Learning Outcomes:**

Upon completion of this course, you will be able to:

1. Identify and perform maintenance procedures on common tools associated with wood and metalworking.
2. Properly adjust and operate metal cutting and welding equipment.
3. Plan and design buildings for agriculture application including material bills, concrete, wood, metal, utilities and labor.
4. Understand the basics of residential electricity and plumbing.

**Relationship to General Education Outcomes** – In addition to the core competencies, Trinity Valley Community College has established ten general education goals which specify knowledge and skills that students should gain from completing courses in the various component areas of the core curriculum. Information regarding curriculum and assessment as a means for the improvement of student learning through the general education component. (Select all that apply.)

Mark with an "X"	General Education Outcome
X	A. To communicate clearly and effectively in both oral and written English.
X	B. To improve reading skills focused on comprehending, analyzing, interpreting, and evaluating printed materials.
X	C. To understand mathematical information and utilize mathematical skills.
X	D. To demonstrate qualitative and quantitative critical thinking skills.
	E. To understand and appreciate cultural and ethnic diversity.
X	F. To utilize computer based technology in accessing information, solving problems, and communicating.

	G. To recognize and evaluate artistic achievements in the visual and performing arts.
	H. To improve basic understanding of political, economic, and social systems.
X	I. To demonstrate knowledge of the physical universe and living systems.
X	J. To develop skills and strategies to become an engaged learner.

- **Required Text(s)**  
NONE

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<b>Optional Text(s)</b>
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<b>Material/Technology to be supplied by the student.</b>
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<b>Course Requirements/Grading System:</b>
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**COURSE REQUIREMENTS:**

Attend class regularly and participate in discussions.

Take three (3) major exams.

Complete two (2) major and three (3) minor skills assessment projects.

**SEMESTER GRADE COMPUTATION:**

Semester grades will be determined on the following basis:

Your **attendance** and **participation** in **class** and **labs** will count 25% of your Final Grade.

Each major exam will count 15%. The three exams will cumulate 45% of your Final Grade.

The two major skill assessment projects will count 17% of your Final Grade.

The three minor skill assessment projects will count 13% of your Final Grade.

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<b><i>Approvals – the contents of this document have been reviewed and are found to be accurate.</i></b>
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Prepared by Steve Keith	Signature	Date 3-11-08
Department Head	Signature	Date
Division Chair	Signature	Date
Vice President	Signature	Date