

Certificate

Program Description:

The Technical Studies Degree is designed to meet three major needs:

- (1) To provide for cooperatively sponsored educational opportunities leading to the Associate in Applied Science degree and/or One-Year Certificate for students in quality education and training programs;
- (2) To increase the abilities of employees to use technology effectively and responsibly;
- (3) To assist those employed in the workforce to understand that education is a life-long process.

Mountwest Community & Technical College delivers educational programs in a variety of occupational fields to businesses and industries having an immediate need for such programs.

Components of the program include the following: general education, classroom instruction in a technical core and in the occupational area, and possible on-the-job training.

Technical Studies students must meet all normal admission and performance standards. Credits earned through either the approved apprenticeship programs or through industry-based education and training programs will not be added to the student's collegiate transcript until the student has completed twelve program credit hours from Mountwest Community & Technical College and has obtained at least a 2.00 GPA.

The student who graduates with the One-Year Certificate Degree in Technical Studies will possess:

- Computer software skills
- Relevant essential math skills
- Written and oral communication skills

Career Outlook:

Advancement of agricultural workers depends on motivation and experience. Farm workers who work hard and quickly, have good communication skills, and take an interest in the business may advance to crew leader or other supervisory positions. Some agricultural workers may aspire to become farm, ranch, and other agricultural managers, or farmers or ranchers themselves. In addition, their knowledge of raising and harvesting produce may provide an excellent background for becoming purchasing agents and buyers of farm products. Knowledge of working a farm as a business can help agricultural workers become farm and home management advisors. Those who earn a college degree in agricultural science could become agricultural and food scientists.

Salary Forecast:

Median hourly earnings in May 2004 for each of the occupations found in this statement are as follows:

Agricultural inspectors.....	\$14.92
Animal breeders.....	\$13.55
Agricultural workers, all other.....	\$10.15
Agricultural equipment operators.....	\$8.88
Farmworkers, farm, and ranch animals.....	\$8.31
Graders and sorters, agricultural products.....	\$7.90
Farmworkers and laborers, crop, nursery, and greenhouse.....	\$7.70

(Information obtained from the Bureau of Labor Statistics, *Occupational Outlook Handbook 2004-2005*).

Major Code - CT10 • Concentration Code - CT13

FIRST YEAR	
<p>COMPONENT I - General Education¹</p> <p>ENL 111 Written Communication 3</p> <p>IT 101 Fundamentals of Computers¹ (EDGE) 3</p> <p>MAT 150 Applied Professional Mathematics² 3</p> <p>MG 101 Introduction to Business¹ (EDGE) 3</p> <p>SS Interpersonal Relations/Social Science³ 3</p> <p>TOTAL CREDITS 15</p>	<p>Common Core Courses</p> <p>Agriculture and Natural Resources I (EDGE)</p> <p>Agriculture and Natural Resources II (EDGE)</p> <p>Agriscience & Agriculture Production Systems Focus:</p> <p>Agriscience 11 (EDGE)</p> <p>Agriscience12 (EDGE)</p> <p>Agriculture Mechanics Option:</p> <p>Agriculture Mechanics I (EDGE)</p> <p>Agriculture Mechanics II (EDGE)</p> <p>Animal Science Focus:</p> <p>Animal Processing (EDGE)</p> <p>Food Science and Processing (EDGE)</p> <p>Plant Systems Focus:</p> <p>Greenhouse Technology (EDGE)</p> <p>Horticulture (EDGE)</p>
HOURS REQUIRED FOR GRADUATION: 35	

Employment Opportunities:

- Nurseries
- Farms
- Feed & seed stores
- Butcher shops
- Forestry

Vocational Site Partnership:

In addition, Mountwest Community & Technical College (MCTC) offers a One-Year Certificate Program and an Associate of Applied Science in Technical Studies in conjunction with its Vocational Site Partnerships in Cabell, Mason, Putnam, and Wayne counties through EDGE.

Earn A Degree Graduate Early (EDGE):

This program provides students the opportunity to receive credit for their high school EDGE courses.

Contact Information:

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1. Students must complete a minimum of 3 credit hours with Marshall Community & Technical College to establish academic residency.
 2. Six total Quantitative Skills/Laboratory Science/Experience credits are required. At least one college-level mathematics course must be selected from: MAT 115, MAT 145, or MAT 150. Students may complete the six-credit requirement with a second college-level mathematics course or select from the following: SCI 101, SCI 120 or SCI 201. MAT 145 may be substituted for MAT 150.
 3. Select from SS 201, SS 210, or SS 215.