

General Building Construction

Associate in Applied Science in Technical Studies

Program Description:

The Technical Studies Degree, limited to high school students enrolled in the EDGE program, is designed to provide for cooperatively sponsored educational opportunities leading to the Associate in Applied Science degree and/or one-year Certificate. 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 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.

Career Outlook:

Job opportunities are expected to be excellent in the construction industry, especially for workers with training and experience in construction occupations, due largely to the numerous openings arising each year as experienced construction workers leave their jobs. Further, many potential workers may prefer work that is less strenuous and has more comfortable working conditions. The continued shortage of adequate training programs also will contribute to the favorable job market.

Salary Forecast:

Earnings in construction are significantly higher than the average for all industries. Production or non-supervisory workers in construction average \$18.51 an hour, or about \$712 a week. Average earnings of workers in the specialty trade contractors segment were somewhat higher than those of workers employed by building or heavy and civil engineering construction contractors.

Earnings of workers in the construction industry vary by the education and experience of the worker, type of work, the size and nature of the construction project, geographic location, and economic conditions. Earnings of construction trade workers are often affected by poor weather. Heavy rain may slow or even stop work on a construction project. Traditionally, winter is the slack period for construction activity, especially in colder parts of the country, but there is a trend toward more year-round construction even in colder areas. Because construction trades are dependent on one another—especially on large projects—work delays in one trade delay or stop work in another.

Nineteen percent of construction trades workers are union members or covered by union contracts, compared with about 15 percent of workers throughout private industry. Many different unions represent the various construction trades and form joint apprenticeship committees with local employers to supervise apprenticeship programs.

(information obtained from the *Occupational Outlook Handbook 2008-2009*)

Program Admission Requirements:

The college adheres to an open admissions policy which means applicants with a high school diploma or a GED are eligible for admission. Applicants with neither a high school diploma nor a GED may be admitted on a conditional basis.

Vocational Site Partnerships:

In addition, Mountwest Community & Technical College 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.

Major Code - CT20 • Concentration Code - CT26

<p>COMPONENT I - GENERAL EDUCATION¹</p> <p>COM 112 Oral Communication..... 3 ENL 111 Written Communication 3 ENL 231 Technical Report Writing² 3 IT 101 Fundamentals of Computers (EDGE)..... 3 MAT/SCI Electives³ 6 SS Social Science Elective⁴ 3</p> <p>TOTAL CREDITS..... 21</p>	<p>COMPONENT II - TECHNICAL CORE</p> <p>HMN 235 Leadership Studies⁵3 EC 102 Basic Economics.....3 ELT 111 Direct Current Circuit Analysis3 ELT 111L Direct Current Electronics Lab3 ISM 133 Principles of Supervision & Management3 MG 101 Introduction to Business (EDGE).....3 MG 202 Business Organization and Management⁶.....3 MK 210 Customer Service²6 SS 201 Human Relations3</p> <p>TOTAL CREDITS9-21</p>
<p>COMPONENT III - TECHNICAL/OCCUPATIONAL SPECIALITY</p> <p>Fundamentals of Building Construction (EDGE) Masonry and Plumbing (EDGE) Foundation and Framing (EDGE) Finishing Carpentry (EDGE)</p> <p>TOTAL COMPONENT III HOURS..... 20</p>	<p>COMPONENT IV (OPTIONAL) on-the-job training in the occupation (1-12 CREDIT HOURS MAY BE AWARDED)</p> <p>A letter verifying completion of contact hours must be received by the Dean's Office, located in the Mountwest Community & Technical College Building Room 110 prior to applying for graduation for credit to be awarded. 160 clock hours equals 1 college credit hour.</p>
<p>HOURS REQUIRED FOR GRADUATION: 62</p>	

Employment Opportunities:

General building construction

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 Mountwest Community & Technical College to establish academic residency.
 2. ENL 231 and MK 210 have a prerequisite of ENL 111 or COM 111.
 3. 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.
 4. Select from SS 201, SS 210, 215 or EC 102.
 5. Required Capstone Course.
 6. MG 202 has a prerequisite of MG 101
 7. Verification of completion of CTE classes with a score of 74% or better on the final exam must be forwarded to West Virginia Community and Technical College System in Charleston, by course instructor.