

# Southern West Virginia 2022-2023 Southern Academic Catalog Community Technical College

## Technical Studies, A.A.S.

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The Associate in Applied Science in Technical Studies is designed to provide for cooperatively sponsored educational opportunities for employees participating in quality education and training programs sponsored by business, industry, labor, or government. Required components in the program include general education and classroom instruction in a technical core and in the occupational area. College credit may be awarded for on-the-job training and/or supervised work-based learning.

### Purpose

The Technical Studies Program is designed as a non-transfer program for students completing an occupational specialization at the career/vocational centers. It is designed to provide students with the general education knowledge, management skills and technical competencies necessary for employment in a variety of occupations.

Program Level Outcomes:

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate the specialized training and experience derived from the student's professional and technical coursework.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.

### General Education Core:

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- [CS 102 - Computer Literacy](#) 3 Credit Hours (E)
- [EN 101 - ~English Composition I](#) 3 Credit Hours
  
- Any math course  
or
- [BU 115 - Business Mathematical Applications](#) 3 Credit Hours
  
- [SP 103 - ~Speech Fundamentals](#) 3 Credit Hours
- <sup>1</sup>General Elective 3 credit hours

**Credit Hours: 15**

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### Occupational Specialization Core

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- [TS 274 - Applied Technology Capstone](#) 1 Credit Hours <sup>2</sup>
- Restricted Electives 44 credit hours

**Credit Hours: 45**

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**Total Credit Hours: 60**

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Students must complete one or more skill sets or occupational specializations. Areas of specialization are restricted to applied technology concepts and may be offered in cooperation with various third-party providers or local career and technical centers. Students may include entrepreneurial/management courses as a component of the occupational specialization. Some specializations are offered on campus but not all specializations may be available at all locations or at all times. Students must contact the Dean to design a customized curriculum for their occupation.

The vocational specializations are offered in cooperation with the local career and technical centers. Students completing any vocational occupational program at one of the career or technical centers may request articulated or EDGE credits for courses.

<sup>1</sup>Any EC, EN, HS, MT, PS, PY, or SO course

<sup>1</sup>Students must complete a capstone course in their occupational specialization or [TS 274](#).

~ Designates courses on the statewide Core Coursework Transfer Agreement.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (<http://careertech.k12.wv.us/edge/edgeCollege.html>) as designated by the (E) within the program sequence.

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