

Business & Technology: Advising New Students on Pioneer Days

Technology Degrees

Computer Information Technology: Associate of Applied Science (AAS)

Designed to prepare students to **enter the workforce** for entry- and mid-level IT positions, and/or for career advancement

- 3 Concentration Options (some overlap amongst all three):
 - **Programming** – coding languages, software
 - **Networking** – Hardware, CCNA (Certified Cisco Networking Associate) preparation
 - **Cyber Defense** – Defending networks and information from hackers
- Not *designed* for transfer to a university, but **specific** programs at **certain** universities *will* accept it:
 - **WKU's Bachelor of Science in Computer Information Technology** (more technology-focused): <https://www.wku.edu/cit/>
 - **MTSU's Bachelor of Science in Professional Studies: Information Technology** (more management-focused): <https://mtsu.edu/programs/professional-studies/requirements>
- Gen Ed/Major Breakdown: 25% general education (5 courses), 75% CITC courses (15 courses)
 - Only 1-2 math courses required (depending on Learning Support), no sciences
- **Strict semester availability and sequencing of courses**
 - **FULL TIME NEW STUDENTS: FOLLOW THE DEGREE WORKS PLAN TEMPLATES**
 - Students **must** follow the catalog to avoid getting off track by a **year** or more
 - Refer to **course descriptions** when assisting part-time students, since the recommended course schedules are for full-time students.
 - **Summer catch-up:** At least one section of all first-year CIT courses will be offered each summer to allow students who are off-track or who started in the spring to catch up.

Computer Information Technology: Technical Certificate

Embedded: Fully overlaps with all 3 CITC degree concentrations

Graduation is *not* considered a terminating event for TN Promise or TN Reconnect

- [18-credit credential](#) designed to increase earning power faster than an AAS
- Courses can be completed in 2 semesters. AAS students can earn the tech cert while still being declared as and pursuing the AAS.
- **Strict semester availability and sequencing of courses**
 - Students **must** follow the catalog to avoid getting off track by a **year** or more

- Refer to course descriptions when assisting part-time students, since the recommended course schedules are for full-time students.
- **Summer catch-up:** At least one section of all first-year CIT courses will be offered each summer to allow students who are off-track or who started in the spring to catch up.

AS Computer Science TN Transfer Pathway

Designed for **transfer to a university upon graduation from Vol State**, to complete a *Bachelor of Science in Computer Science* degree.

- Gen Ed/Major Breakdown: 80% general education (15 classes), 20% computer science (3 courses)
- Requires 8 hours of rigorous, STEM-majors-level science courses
 - Possible 8 hours of *additional* science prerequisites, depending on which subject the student chooses (possible 16 hours of sciences needed)
 - Students should choose sciences based on the requirements at the universities where they want to transfer.
 - See Prerequisite section in Degree Works for further information.
- NEW! Math courses needed on 2023-24 Catalog:
 - 6 hours (if Learning Support needed): MATH 0105 and MATH 1005 (B or better required in 1005 to skip 1130)
 - 3 hours: MATH 1710 (C or better)
 - 7 hours from the following: MATH 1720, 1920, 2010, or 2050
- Learning Support Math students should instead consider one of the AAS CITC majors because it will set them up better for career success. Plus, there are specific bachelor's programs at MTSU and WKU that will accept our AAS degrees. (See pg. 1 of this document)
- The AS Computer Science TTP does **not** qualify a student for IT career success *without* a bachelor's degree.
- **Strict semester availability and sequencing of courses**
 - **FULL TIME NEW STUDENTS: FOLLOW THE DEGREE WORKS PLAN TEMPLATES**
 - CISP 1010: **Fall** only
 - CISP 1020 and 2410: **Spring** only
- Students taking MATH 1710 in the fall can get a permit to take CISP 1010 as a corequisite. Email Jonathan.Maynard@volstate.edu.

Business Degrees

Business: Associate of Applied Science (AAS) Degrees

Designed to prepare students for success in full-time job opportunities, career advancement, etc.

- 4 Concentration Options (some overlap amongst all four):
 - Accounting – Prepares for a supporting role in accounting (e.g. accounts payable/receivable, payroll, bookkeeping, etc.) but NOT a path to being a Certified Public Accountant (CPA)
 - Logistics & Supply Chain Management
 - Management
 - Marketing
- Gen Ed/Major Breakdown: 25% general education (5 courses), 75% BUSN related courses (15 courses)
- Not *designed* for transfer to a university, but **specific** programs at **certain** universities *will* accept it
- **Strict semester availability and sequencing of courses**
 - **FOLLOW THE DEGREE WORKS PLAN TEMPLATES**
 - Students **must** follow the catalog to avoid getting off track by a **year** or more
 - Refer to **course descriptions** when assisting part-time students, since the recommended course schedules are for full-time students.

Administrative Professional Technology: Technical Certificate

- Courses completely overlap with the *AAS Marketing degree*.
- AAS students can take these courses in the first 2 semesters and earn the tech cert while still pursuing the AAS.

Entrepreneurship: Technical Certificate

- Courses completely overlap with the *AAS Management or AAS Marketing degree*.
- AAS students can take these courses in the first 2 semesters and earn the tech cert while still pursuing the AAS.
- Can also overlap with the *AAS Accounting degree* if the student chooses the right courses.

Transportation, Distribution, Warehousing, and Procurement: Technical Certificate

- Formerly known as Logistics & Supply Chain Tech Cert
- Courses completely overlap with the *AAS Logistics & Supply Chain Management degree*.
- AAS students can take these courses in the first 2 semesters and earn the tech cert while still pursuing the AAS.

Tennessee Transfer Pathway (TTP) Degrees

Designed for **transfer to a university upon graduation from Vol State**, to complete a *Bachelor of Business Administration*.

- 6 TTP Concentration Options: Accounting, Business Administration, Finance, Information Systems, Management, Marketing
- **Math Requirements: 2023-24 Catalog (Not including Learning Support)**

TTP Concentration	MATH 1130, 1630, or 1710 Required?	MATH 1530 Required?	Additional Math Required?
Accounting	Yes, choose one	Yes	MATH 1830 or Advisor-Approved Elective alternate to MATH 1830
Business Administration	MATH 1130, 1630, or 1710	MATH 1530	MATH 1830
Finance	MATH 1130, 1630, or 1710	MATH 1530	N/A
Management	MATH 1130, 1630, or 1710	MATH 1530	MATH 1830 or Advisor-Approved Elective alternate to MATH 1830
Marketing	MATH 1130, 1630, or 1710	MATH 1530	MATH 1830 or Advisor-Approved Elective alternate to MATH 1830
Information Systems	MATH 1630	MATH 1530	MATH 1710

- Math courses should be chosen with the desired university's math requirements in mind.
- Ask the student where they are thinking of transferring. See statements on Degree Works audit.
 - Pay close attention to math prerequisites (See the Prerequisites section in Degree Works, click on course numbers, etc.)
- Advisor-Approved Elective alternate to MATH 1830:
 - If the course is university parallel, email [Teresa Carter](#) in Records asking her to apply the elective course to this requirement.
 - If the course is an asterisk (*) course, submit a substitution request form.

Pro Tip: Ask the student to consult with the university they plan to transfer to and ask if the asterisk (*) course will transfer. If so, use this documentation in your substitution request form.