

Trousdale

County Schools

103 Lock Six Road | Hartsville, TN 37074 | www.tcschools.org



Accelerating and Graduating All Students for the Careers of Tomorrow

Trousdale County Schools



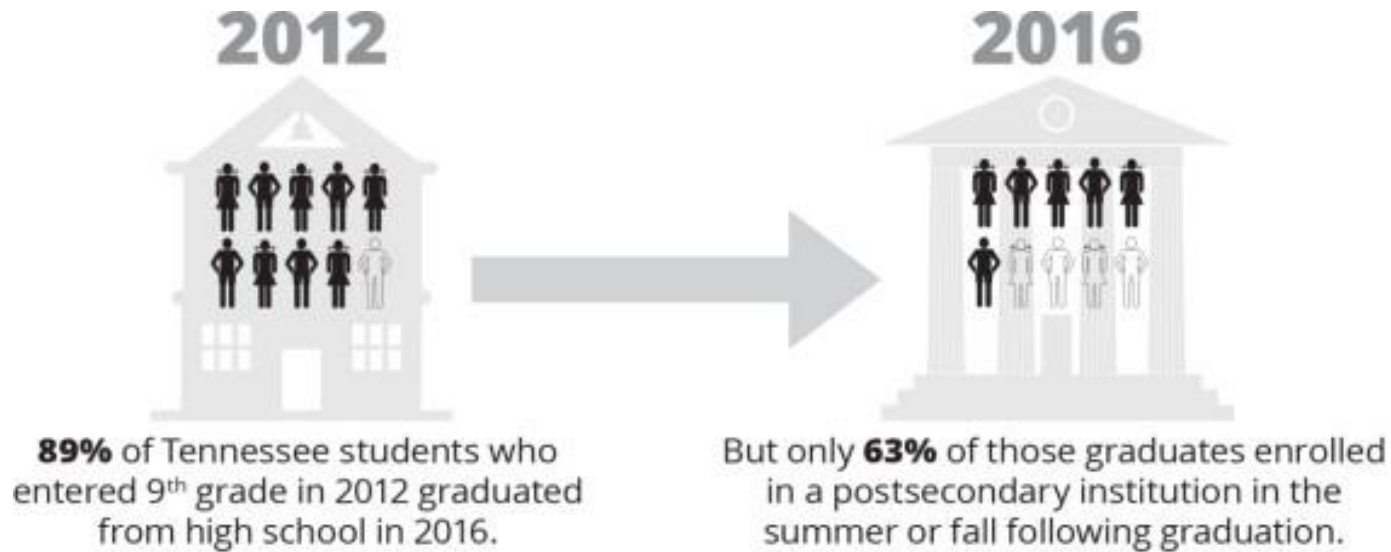
2012 and 2019 Exemplary School District



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Economically disadvantaged students; black, Hispanic, and Native American students; students with disabilities; and English learners are **significantly less likely to enroll in postsecondary** than their peers.

2012 Freshman Cohort

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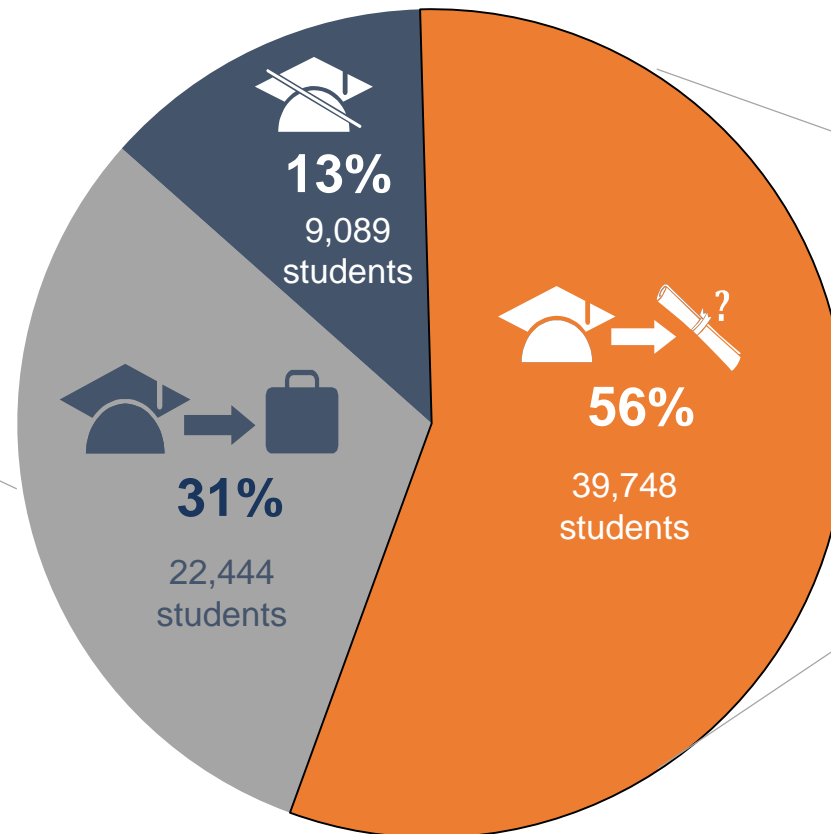
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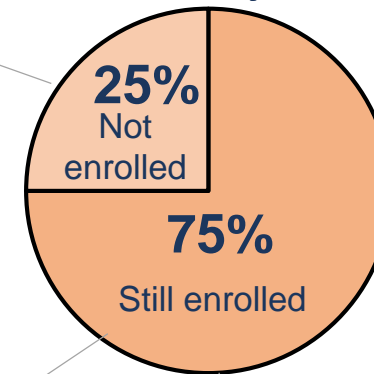


Students who graduated from high school and entered the workforce and earn an average salary of **\$9,161 annually**, far below the poverty line.

- Did not graduate from high school
- Graduated from high school only
- Enrolled in postsecondary



After one year



Only 6 percent of students who were enrolled after one year completed a degree or certificate within two years.

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By 2025, 55% of all new jobs will require postsecondary education



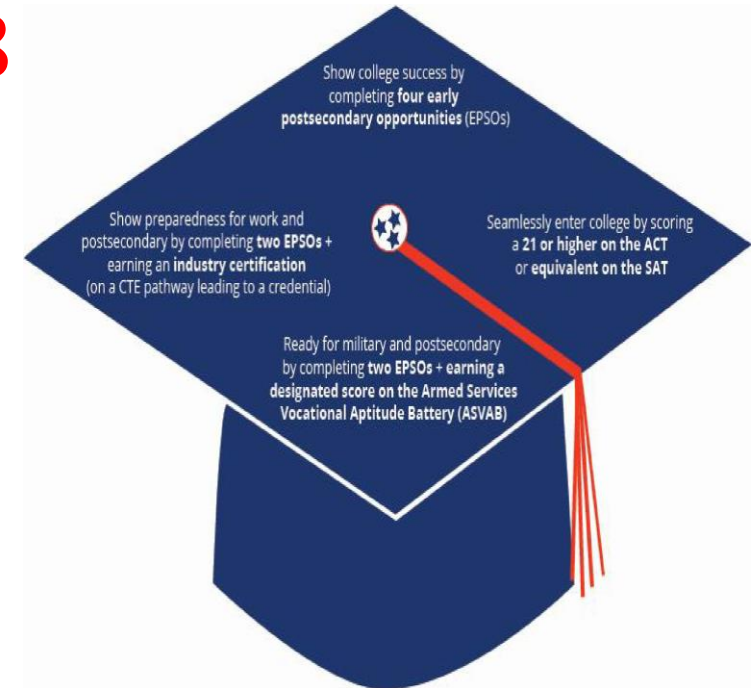
Postsecondary graduates are more likely to be employed and have higher earnings than high school graduates.

The gaps in employment and earnings between these groups have grown substantially over time.



Ready Graduate: beginning with class 2018

- ≥ 21 ACT see PreACT results
- (4) EPSOs see dual enrollment
- (2) EPSOs + Industrial Certification CTE Pathway
- (2) EPSOs + ASVAB score 31 (junior year)



What are Early Postsecondary Opportunities **EPSOs**?

- Postsecondary credit while still in high school
 - **Dual Enrollment**
- **Volunteer State Community College**
- **TN College of Applied Technology**
- Beginning in Junior year
- (2 free dual enrollments, **possibly 4**)
- Transferrable to any TN Board of Regent Institution





Why is **early postsecondary** important my student?

- Develop confidence and skills to be successful in education beyond high school
- Decrease time and costs of completing a postsecondary certificate or degree
- Help make better informed career decisions while still in high school
- Students who complete postsecondary opportunities enroll in college at a much higher rate
- Students are more likely persist through and complete postsecondary course work



Why is early postsecondary attainment important for Tennessee?

- Postsecondary attainment is directly connected to one's employment future
- Educated workforce contributes to higher wages and a faster growing economy
- TN Drive 55 – 55% of Tennesseans will have a postsecondary degree/certification by 2025
- Increase Tennessean's annual income by \$9.33 million per year



What is an Industrial Certification?

- Career-aligned learning pathway that culminates in the achievement of a nationally recognized industry certification.
- Career Technical Education (CTE) Pathways

Industrial Certification Opportunities:

- Mechatronics = Siemens Level 1 Mechatronic System Assistant
- Nursing Services
 - Certified Nursing Assistant (CNA)
 - Certified EKG Technician
- Office Management = Microsoft Office Specialist (MOS), Word and PowerPoint
- Agriculture Engineering & Applied Technology
 - OSHA10
 - Precision Measurement Instruments Certification
 - Briggs & Stratton Small Engine Certification



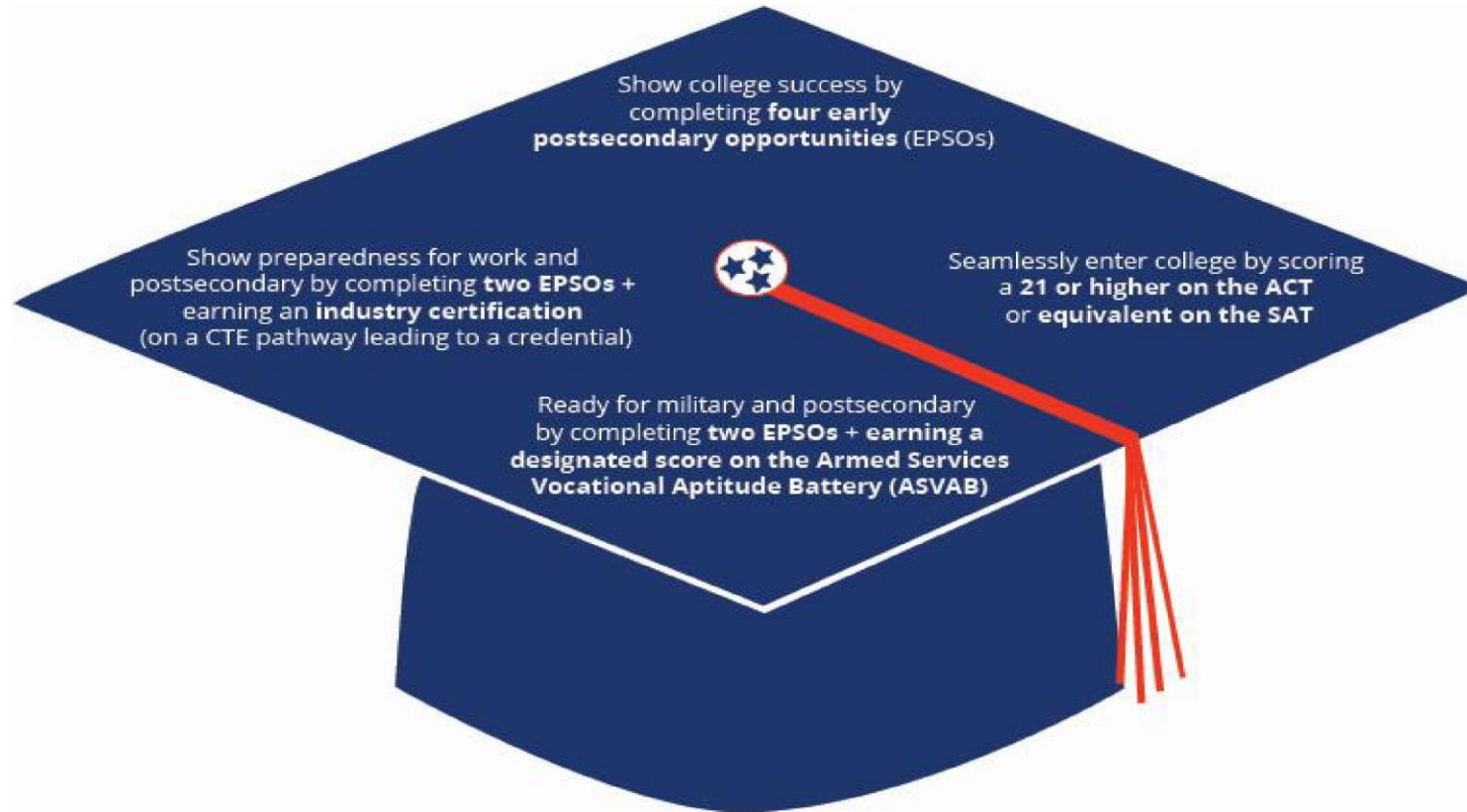
Industrial Certification Opportunities:

- Welding
- Automotive Technology
- Machine Tool Technology
- Computer Information Technology
- Industrial Maintenance
- Administrative Office Technology

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Class Ranking:

- **Scholar Graduate** – 2nd cohort: purple cord
 - B average in (14) Core Courses
 - (3) Electives
 - **Dual Enrollment** (TCAT or Vol State)
- **Honor Graduate** – 1st cohort “ranked above all other students”: gold stole
 - Meet ALL (4) Readiness Benchmarks
 - English = 18
 - Math = 22
 - Science = 23
 - Reading = 22

| Trousdale County Board of Education | | | |
|--|---|----------------------------------|---------------------------------|
| Monitoring: Review: Annually, in November | Descriptor Term: Class Ranking | Descriptor Code: 4.602 | Issued Date: 12/12/17 |
| | | Rescinds: 4.602 | Issued: 11/09/17 |



Other Awards & Honors:

- **Graduating with Distinction - white cord**
 - **Industry Certification**
 - **(12) hrs of postsecondary credit**
- **TN Tri-Star Scholar – black cord**
 - **> 19 ACT + Industry Certification**
- **Beta Club – gold tassel**
- **Tennessee Scholars – B average, 80 hours community service, 95% attendance – medallion & seal**
- **Math –Science Pathway – green cord**

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TN PROMISE



- 2 years tuition free at a participating TN school
- MUST complete the FAFSA form
 - TCHS Guidance Office will assist
- 8 hours community service + 1 required meeting
 - Hours must be completed December-July of your senior year
 - Meeting is in the spring of your senior year

Example: Vol State

Tuition for ONE YEAR ~ \$4000

Volunteer hours = 8

Equivalent per hour = \$500

Dual Enrollment at TCHS

- Opportunity to get a head start on post-secondary
- Partner with Volunteer State Community College & TCAT Hartsville
- Courses will be offered at TCHS during the regular school day
- Allows the student to earn high school and post-secondary credit for the same course
- Offered to Juniors and Seniors

Dual Enrollment at TCHS

- TO QUALIFY FOR The Accuplacer Test (given and required by Vol State):
 - PRE-ACT English Score – 18+
 - PRE-ACT Reading Score – 19+
 - High School English Cumulative Average – 3.0+
 - Accplacer score of 250 in Reading and Writing
- MUST MEET ALL OF THESE REQUIREMENTS
- MUST MAINTAIN “B” AVERAGE TO KEEP THE DUAL ENROLLMENT GRANT

Dual Enrollment at TCHS

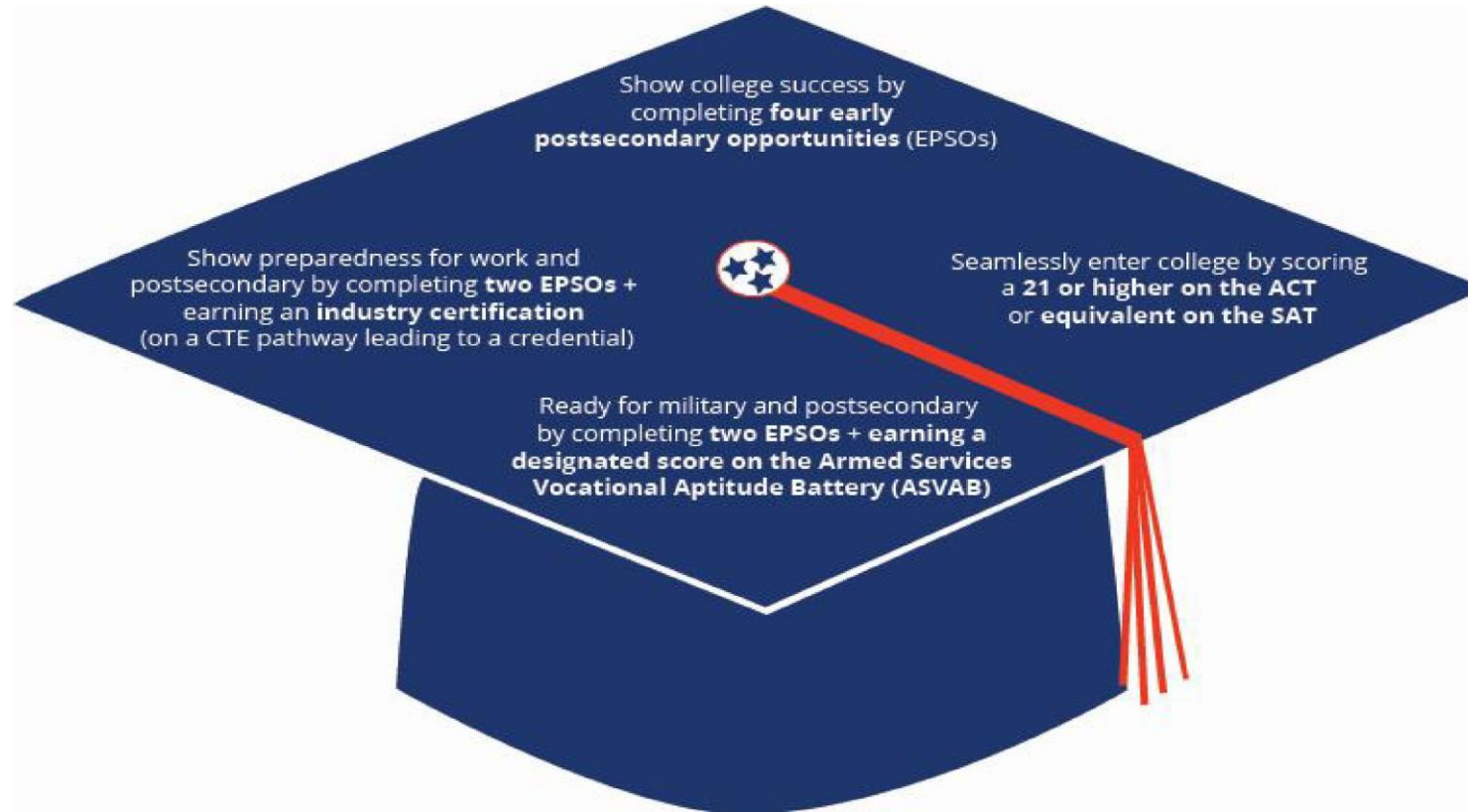
- TCAT Hartsville Courses and Qualifications:
 - Mechatronics: Pre-ACT Composite 18 or Math 16 or Science 15
 - Nursing Services: Pre-ACT Composite 16
 - Business: Pre-ACT Composite 12
 - Automotive Technology
 - Computer Information Technology
 - Machine Tool Technology
 - Welding/Pipefitting Technology

*Must maintain 80.5 average per semester to keep Dual Enrollment Grant.
Students will opt out of Spanish I and II w/ parental consent*

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Career Pathways

Offered At Trousdale County High School

- Agriculture Engineering & Applied Technologies (OSHA 10, Briggs & Stratton Basic Small Engine – in the 2020-21 school year we will be adding precision measurement instruments)

Principles of Manufacturing, Agriscience, Principles of Ag Mechanics, Ag Power & Equipment

- Math & Science

Integrated Math I, II, III, Pre-Calculus, Calculus

Biology, Environmental Science, Physical Science, Chemistry, Biology II, Physics



- Mechatronics (Level 1 Siemen’s Certification)

Principles of Manufacturing, Digital Electronics, Mechatronics I, II

Students will take 2 dual enrollment classes.

- Nursing Services (Certified Nursing Assistant Certification – CNA,
Certified EKG Technician)

Health Science, Anatomy & Physiology, Medical Therapeutics, Nursing
Education, Cardiovascular Services

Students will take 2 dual enrollment classes.



- Office Management (Microsoft Office Specialist Certification – MOS in word and PowerPoint)
Computer Applications, Business Communications, Business Management, Advanced Computer Applications
Students will take 2 dual enrollment classes.

Offered at TCAT-Hartsville

Students will receive dual enrollment for going to TCAT

Trousdale County High School will provide bus transportation to and from TCAT each day

- Administrative Office Technology

Program Credentials

| Option Name | Hours | Credentials |
|----------------------------------|-------|-------------|
| General Office Assistant | 432 | Certificate |
| Office Software Specialist | 864 | Certificate |
| Medical Administrative Assistant | 1296 | Diploma |
| Accounting Assistant | 1296 | Diploma |
| Administrative Assistant | 1296 | Diploma |



- Automotive Technology

Program Credentials

| Option Name | Hours | Credentials |
|---|--------------|--------------------|
| Heating & Air Conditioning Technician | 174 | Certificate |
| Suspension & Steering Technician | 180 | Certificate |
| Manual Drive Train & Axles Technician | 192 | Certificate |
| Brake Technician | 204 | Certificate |
| Engine Repair Technician | 234 | Certificate |
| Automatic Transmission/Transaxle Technician | 234 | Certificate |
| Electrical & Electronic Systems Technician | 324 | Certificate |
| Engine Performance Technician | 432 | Certificate |
| Electrical/Electronic Systems Technician | 450 | Diploma |
| Automotive Service Technician | 2160 | |



- Computer Information Technology

Program Credentials

| Option Name | Hours | Credentials |
|--------------------------|-------|-------------|
| Desktop Technician | 432 | Certificate |
| Networking Technician | 432 | Certificate |
| Security Specialist | 432 | Certificate |
| Microcomputer Specialist | 1296 | Diploma |
| IT Specialist | 1728 | Diploma |
| IT Systems Coordinator | 2160 | Diploma |



- Industrial Maintenance

Program Credentials

| Option Name | Hours | Credentials |
|-----------------------------------|--------------|--------------------|
| Electrician Helper | 432 | Certificate |
| Industrial Maintenance Helper | 864 | Certificate |
| Electrician | 1296 | Diploma |
| Industrial Maintenance Technician | 1728 | Diploma |



- Machine Tool Technology

Program Credentials

| Option Name | Hours | Credentials |
|---------------------------|--------------|--------------------|
| Production Machine Tender | 432 | Certificate |
| Machine Set-Up Operator | 864 | Certificate |
| General Machinist | 1296 | Diploma |
| Machinist 1 | 1728 | |



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- Welding

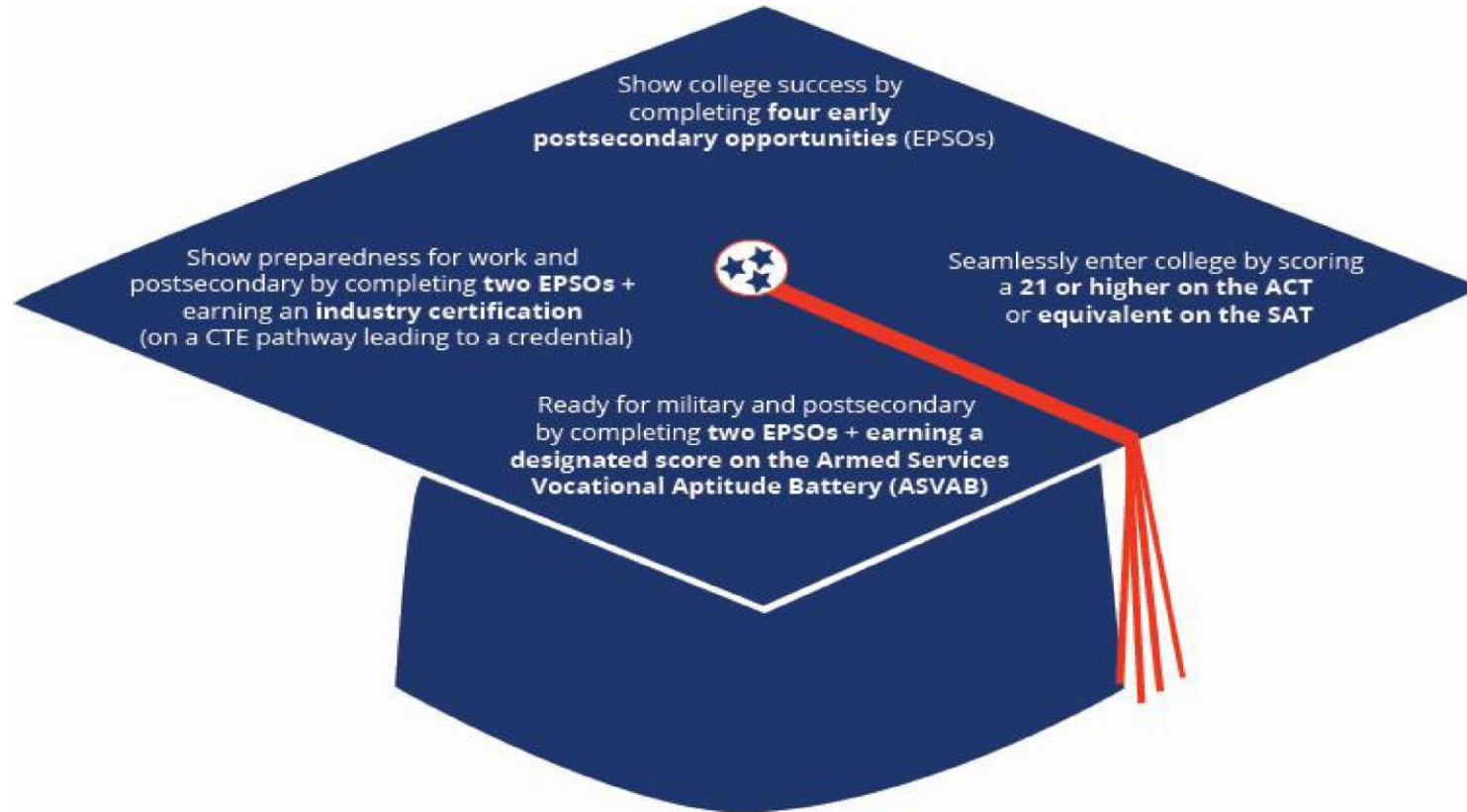
Program Credentials

| Option Name | Hours | Credentials |
|---------------------------|-------|-------------|
| Tack Welder | 324 | Certificate |
| Shielded Metal Arc Welder | 648 | Certificate |
| Gas Metal Arc Welder | 972 | Certificate |
| Combination Welder | 1296 | Certificate |

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PRE-ACT & ACT

- Timed cumulative knowledge tests of 4 subject areas
 - English
 - Math
 - Reading
 - Science
- Results in each test category are provided and give an indication of academic strengths & weakness.
- **BENCHMARKS:** scores which indicate a 50% likelihood of making a B or higher in an entry level college course.



| SUBJECT | BENCHMARK | QUESTIONS | MINUTES |
|---------|-----------|--------------------|---------|
| English | 18 | 45 | 30 |
| Math | 22 | 36 | 40 |
| Reading | 22 | 3 passages & 25 | 30 |
| Science | 23 | 30 | 30 |

PRE-ACT

- 9th Grade – Spring Semester
 - Scores 1-30
- 10th Grade – Spring Semester
 - Scores 1-35



Why Take the PRE-ACT?

FREE

to our
students

FIRST

Actionable
step in
preparing for
the ACT

PROVIDES

Predicted ACT
scores
& college
readiness in
English, math,
reading, &
Science

IDENTIFIES

Strengths &
areas of need for
intervention
AND in
preparing for
college & career
readiness

IDENTIFIES

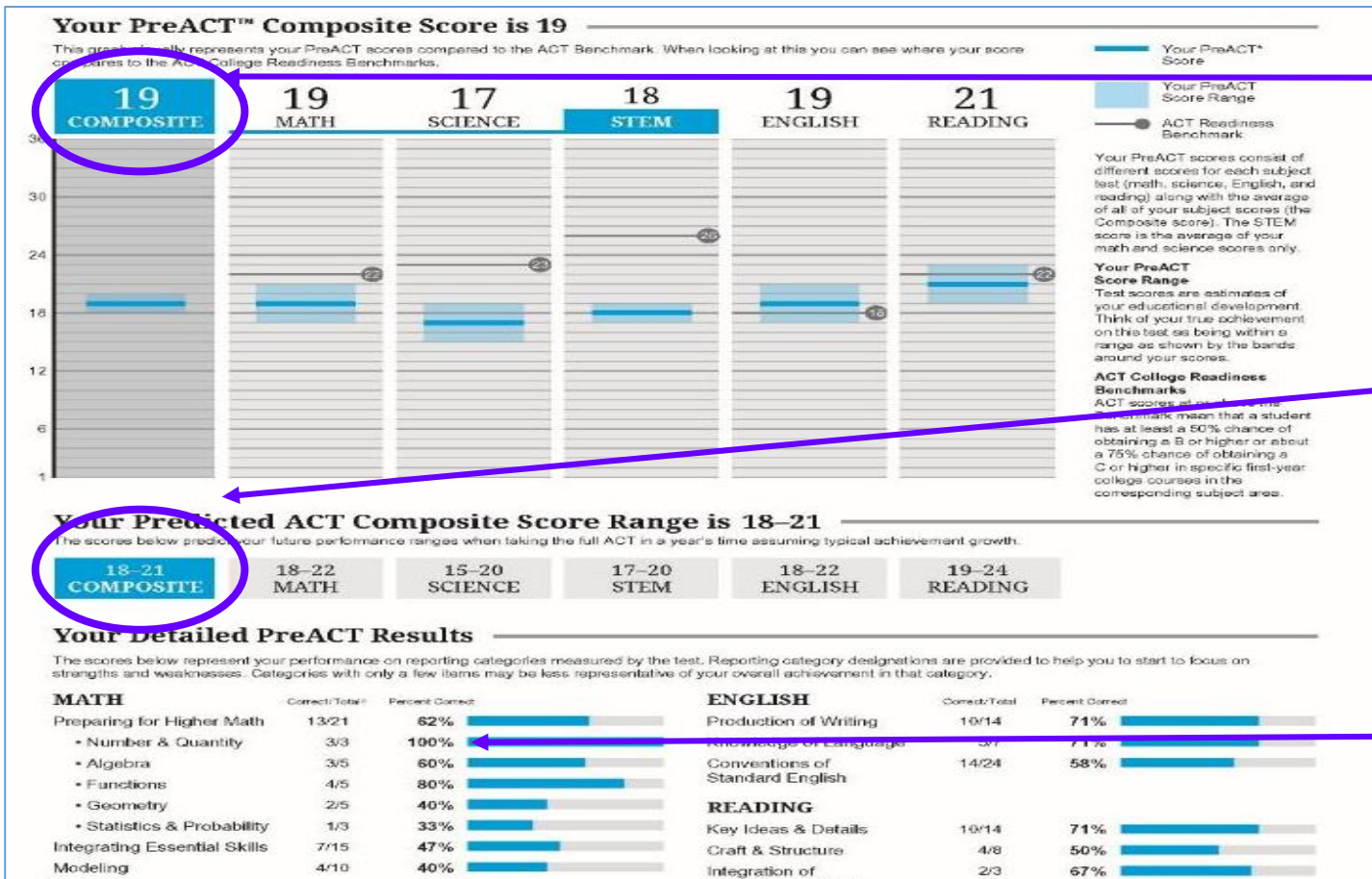
A range of good-
fit career options
to consider
based on the
interest
inventory AND
academic
progress

Results are
used to
GUIDE
student
focus areas
and course
selection

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Composite Scores

- Composite Scores and Subject Test Scores – composite score is an average of subject area scores.

Predicted ACT Scores

- Predict how well students are likely to perform on the ACT test.
- Help determine if there are subject areas which require more focus to improve skills and scores.

Detailed Results

- This score shows the percent and number of points earned out of the total points on the skills tested within each subject.



FREE

Item Responses & How to Make Progress

- Students can view each question, know the correct answer, and identify which items they answered incorrectly.
- The report also gives ideas for improving scores.

MATH

Correctly Answered: 20 of 36
 Omitted: 1 of 36
 Incorrectly Answered: 15 of 36

| Question | Correct Answer | Incorrect Response | Question | Correct Answer | Incorrect Response |
|----------|----------------|--------------------|----------|----------------|--------------------|
| 1 | A | | 21 | A | |
| 2 | F | | 22 | J | |
| 3 | B | E | 23 | B | A |
| 4 | G | H | 24 | G | |
| 5 | D | | 25 | E | D |
| 6 | H | | 26 | F | |
| 7 | A | | 27 | C | B |
| 8 | F | J | 28 | J | F |
| 9 | D | E | 29 | C | |
| 10 | H | | 30 | H | |
| 11 | B | | 31 | A | C |
| 12 | J | | 32 | F | |
| 13 | C | B | 33 | D | - |
| 14 | G | | 34 | G | H |
| 15 | E | C | 35 | E | |
| 16 | K | | 36 | K | F |
| 17 | D | | | | |
| 18 | H | G | | | |
| 19 | C | | | | |
| 20 | K | F | | | |

Ideas for Progress

Number & Quantity

- recognize, identify, and apply basic properties of real numbers (e.g., commutative, associative, identities)

Algebra

- evaluate algebraic expressions and solve simple equations, using integers for Algebra

Functions

- use function notation to create equations that model real-world and mathematical problems

Geometry

- find area and perimeter of triangles and rectangles by substituting given values into standard geometric formulas

Statistics & Probability

- gather, organize, display, and analyze data in a variety of ways for use in problem solving

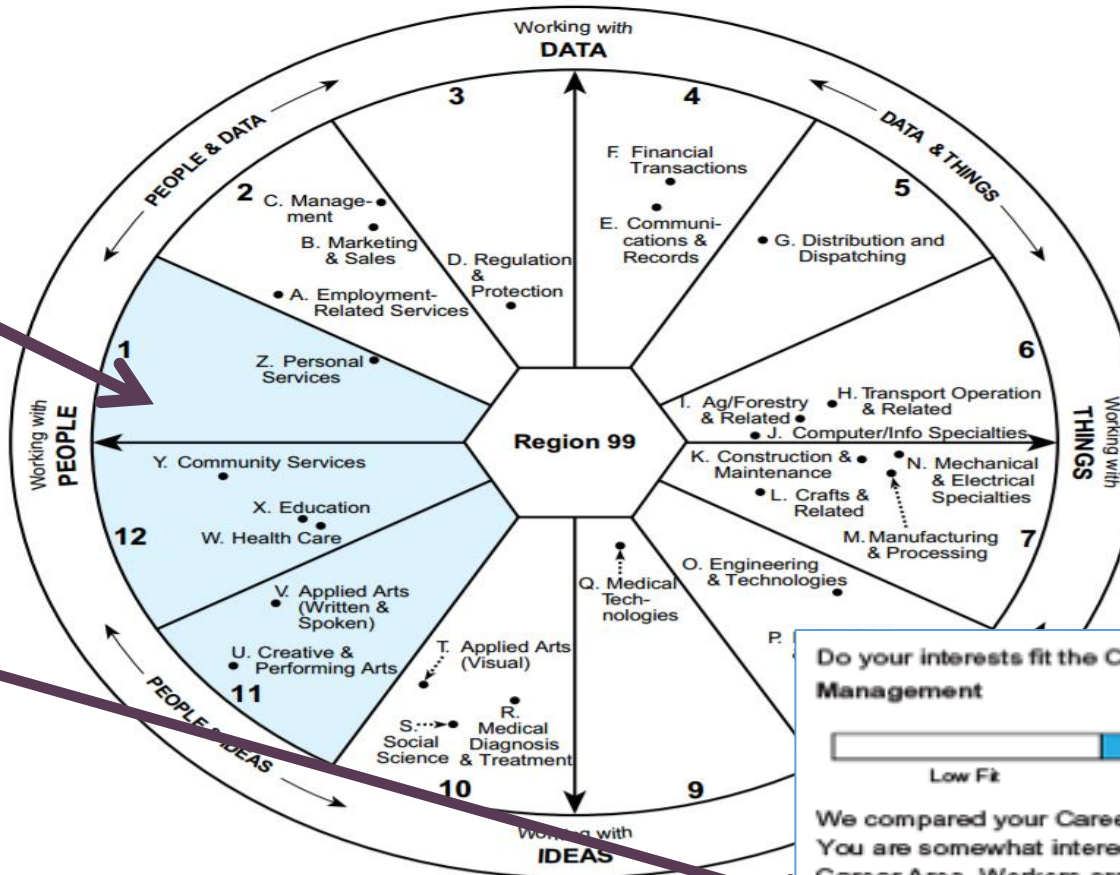
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Career Map

- Results of Interest Inventory
- The shaded regions are the kinds of work/tasks you indicated you prefer and career suggestions are provided for exploration.
- Career Fit is a comparison of the Interest Inventory to the student's self-reported career interests and academic progress.
- On Track for Success based on Predicted ACT Score needed for that career



Do your interests fit the Career Area you prefer? You told us:

Management

Low Fit Medium Fit High Fit

We compared your Career Area to your interest inventory results. You are somewhat interested in the kinds of work done in this Career Area. Workers are often more satisfied when their interests fit the kinds of work they do.



ACT

- 11th Grade – Spring Semester
- During the school day – **FREE!**

SENIOR RETAKE

- 12th Grade – Fall Semester
- Students may register to take the ACT on a National test date
 - \$52 without the writing portion

| SUBJECT | BENCHMARK | QUESTIONS | MINUTES |
|---------|-----------|--------------------|---------|
| English | 18 | 75 | 45 |
| Math | 22 | 60 | 60 |
| Reading | 22 | 4 passages & 40 | 35 |
| Science | 23 | 40 | 35 |



PRE-ACT

| SUBJECT | BENCHMARK | QUESTIONS | MINUTES |
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ACT

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| English | 18 | 75 | 45 |
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IMPORTANCE OF THE ACT SCORES

REQUIRED
FOR
ADMISSION TO
MOST
COLLEGES

IMPACTS
FINANCIAL AID
&
SCHOLARSHIPS

COMPOSITE
21
OR
3.0 GPA

HOPE
SCHOLARSHIP

\$16,000 over 4
years in
college

COMPOSITE
29+
AND
3.75 GPA

HOPE WITH
MERIT
SCHOLARSHIP

\$20,000 over 4
years in college

SCORES
BELOW
benchmarks will
likely result in
placement in
remedial
coursework
(non-credit
bearing BUT cost
money)

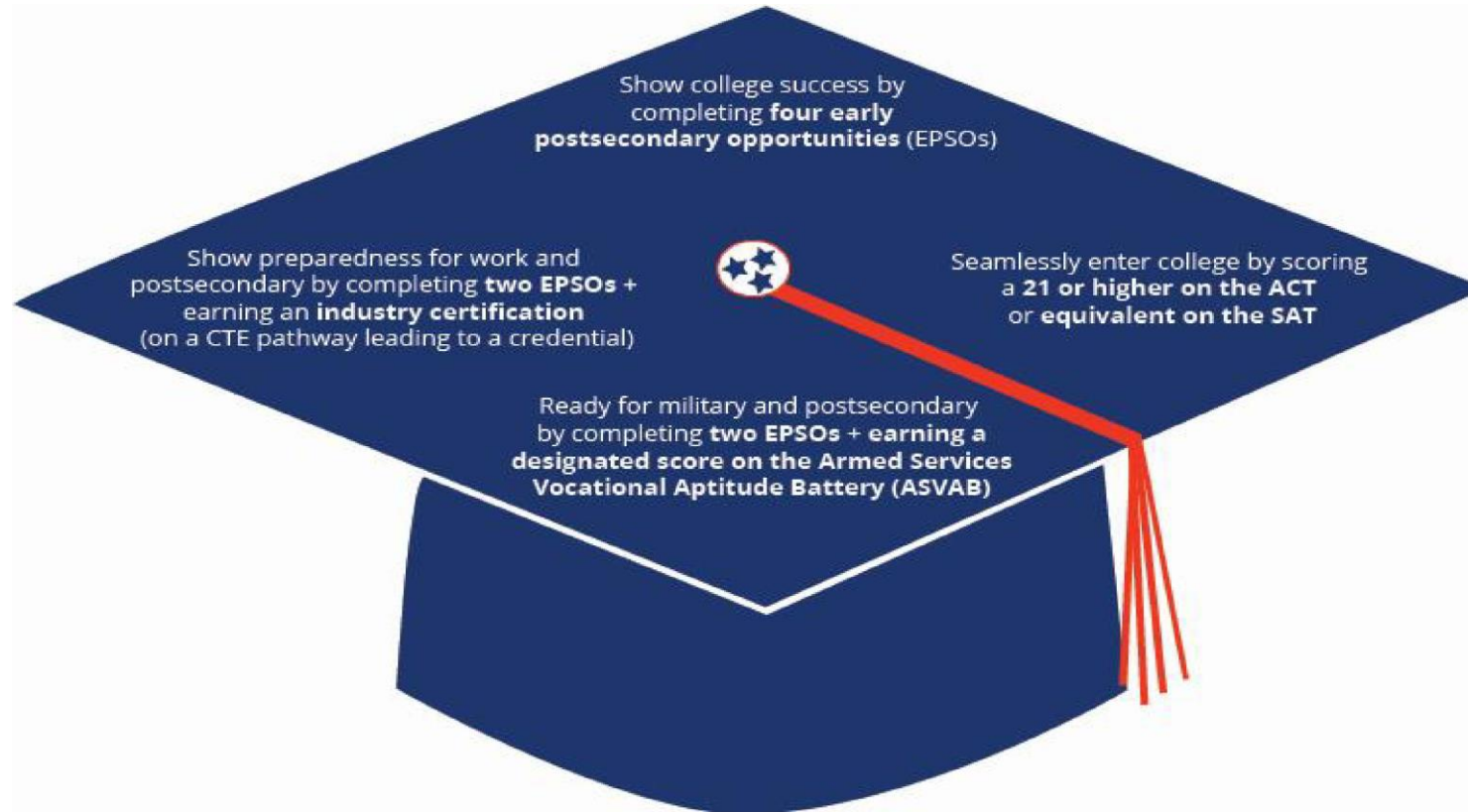


**ACT IS REQUIRED
FOR GRADUATION
IN THE STATE OF TENNESSEE!**

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Registration

- Incoming 9th Grade: TBD
 - All parents and students are required to have an individualized consultation with a TCHS staff member to confirm course selections
 - Invited to tour the building
 - Door prizes and refreshments will be provided

Focus Areas to Choose

Math/Science _____

(5 math courses/4 science courses and 2 VSCC DE)

Career Technical Education (CTE)

Agriculture _____

Business _____

Health Science _____

Mechatronics _____



9th Grade Requirements

English 1

English 1 Lab

Economics/Government

Integrated Math I

Integrated Math I Lab

Environmental Science

Wellness

Electives (Choose one)

Agriculture (Principles of Mfg.)

Mechatronics (Principles of Mfg.)

Health Science (Health Science Ed)

Business (Computer Applications)

Band

Registration

- Incoming 10th, 11th, 12th Grade: During English class
 - Students will complete registration forms with the TCHS guidance staff
 - Parents should discuss options with students when registration forms are sent home
 - Parents will sign registration forms