Scott Langford
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Lead Educator, Sumner County Schools

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Educator, Hendersonville High School

ACT College and Career Ready
COLLEGE AND ACT

• A composite score of 21 or a GPA of 3.0 will earn you the lottery scholarship if you plan to attend a Tennessee four-year university - $16000 over 4 years. A composite score of 29 and GPA of 3.75 will earn an extra $4000.

• The following scores will allow you to take credit-bearing courses in college instead of having to start in remedial classes:
  • English – 18
  • Math – 19
  • Reading – 19
## Guaranteed Scholarships

<table>
<thead>
<tr>
<th>ACT Composite</th>
<th>Tenn Tech</th>
<th>MTSU</th>
<th>UTK</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-29 (GPA 3.5)</td>
<td>$18000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-36 (GPA 3.5)</td>
<td>$20000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27-28</td>
<td>$8000</td>
<td></td>
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<tr>
<td>29-30</td>
<td>$12000</td>
<td></td>
<td></td>
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<tr>
<td>31-32</td>
<td>$16000</td>
<td></td>
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<tr>
<td>33-36</td>
<td>$20000</td>
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<td>29-30</td>
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<td>$12000</td>
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<tr>
<td>31-33</td>
<td></td>
<td></td>
<td>$20000</td>
</tr>
<tr>
<td>34-36</td>
<td></td>
<td></td>
<td>$32000</td>
</tr>
</tbody>
</table>
STEPS TO PREPARE FOR ACT

• The ACT measures a student’s skills in five areas: English, Math, Reading, Science, and Writing (optional)
• The best preparation is a strong high school curriculum. Learn as much as you can from your core classes.
• Become familiar with the ACT test content and format.
• Learn appropriate test-taking strategies.
• Every high school in our county gave a full ACT practice test to all freshmen and sophomores in March of this year.
• Colleges have to use your highest score.
# ACT Subject Areas Tested

<table>
<thead>
<tr>
<th>Subject</th>
<th>Number of Questions</th>
<th>Time Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>75</td>
<td>45 mins.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>60</td>
<td>60 mins.</td>
</tr>
<tr>
<td>Reading</td>
<td>40</td>
<td>35 mins.</td>
</tr>
<tr>
<td>Science</td>
<td>40</td>
<td>35 mins.</td>
</tr>
<tr>
<td>Writing</td>
<td>(optional) 1 Essay</td>
<td>40 mins.</td>
</tr>
</tbody>
</table>
SUBJECT AREA BREAKDOWN

• English
  • Production of Writing (29-32%)
  • Knowledge of Language (13-19%)
  • Conventions of Standard English (51-56%)

• 37-39 correct questions will earn a scale score of 18 (college readiness benchmark)
  • You can do that just answering the CSE questions
Delighted, each sculpture was left secretly and was later discovered by staff. The delicate sculptures—streetscapes, plants, and animals—were carved exclusively from the pages and bindings of books. The tiny details in the pieces are awe-inspiring.

2. F. NO CHANGE
G. Each sculpture was left secretly and later discovered by delighted staff.
H. Left secretly and later discovered by staff, each sculpture was delighted.
J. Secretly delighted, each sculpture was discovered by staff.

• These questions are based on content covered during middle school
• Students need to practice with these type questions as often as possible
If you master the rules of English you will score very well on the English test

<table>
<thead>
<tr>
<th>Scale Score</th>
<th>Test 1 English</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>74-75</td>
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<tr>
<td>35</td>
<td>71-73</td>
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<tr>
<td>34</td>
<td>70</td>
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<td>33</td>
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<td>19</td>
<td>39-40</td>
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<tr>
<td>18</td>
<td>37-38</td>
</tr>
<tr>
<td>17</td>
<td>35-36</td>
</tr>
</tbody>
</table>
SUBJECT AREA BREAKDOWN

- Mathematics
  - Preparing for Higher Math (57-60%)
    - Number and Quantity
    - Algebra
    - Functions
    - Geometry
    - Statistics and Probability
  - Integrating Essential Skills (40-43%) – rates and percentages, proportional relationships, area, surface area, volume, average and median. (middle school content)

35 questions – content learned in high school
MATH BREAKDOWN

• To meet the benchmark you need to answer 31-33 questions correct (varies based on each test)

• 25 questions will be lower level math students take in middle school

1. Marcus’s favorite casserole recipe requires 3 eggs and makes 6 servings. Marcus will modify the recipe by using 5 eggs and increasing all other ingredients in the recipe proportionally. What is the total number of servings the modified recipe will make?

A. 6
B. 8
C. 10
D. 12
E. 15
READING AND SCIENCE

• Key to reading is to constantly read
  • If you aren’t a strong reader then the test can feel overwhelming
  • Strong readers have more time to focus on the questions

• Key to science is to understand there is no pre-required science knowledge necessary
  • It’s about logic and analysis of charts and graphs
READING AND SCIENCE

• 23-25 questions on reading to reach the college benchmark (22)
• 25-28 questions on science to reach the college benchmark (23)
1. According to Figure 1, the mass of cheese remaining at 4 hr was closest to which of the following values?
   A. 140 mg
   B. 176 mg
   C. 185 mg
   D. 190 mg

2. Suppose a company wants to use food as bait in a trap designed to capture female *B. germanica*. Based on Figure 1, which of the 4 foods should the company place in the trap to maximize the chance of capturing female *B. germanica*?
BENCHMARK RESEARCH

- What does the research tell us about the ACT College and Career Readiness Benchmarks?

“This is the minimum score needed on an ACT subject area test to indicate a 50% chance of obtaining a B or higher or a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses.”
COLLEGE AND CAREER READINESS BENCHMARKS

Composite: 21

English: 18
Mathematics: 22
Reading: 22
Science: 23
HOW TO IMPROVE YOUR SCORE

• Take multiple practice tests
  • Work on stamina
  • Work on timing (answer every question)
  • Find your weak areas

• Don’t spend a lot of time studying those areas you did well in
  • Focus on the low areas to improve them
  • If you don’t know how to answer a question get someone to show you how it is answered
RESOURCES

• Your school guidance counselor

• There will be new offerings through Edgenuity this coming year that are tailored to being subject specific

• www.ACT.org is where to go to sign up for a National ACT test and find additional practice resources

• Many of our high schools offer ACT Prep Courses
Brad Schreiner  
Principal, Sumner County Middle College High School

Betsy Hunter  
Principal, Sumner County Middle College High School
ROAD TRIP

What should I do when I get there?
1. High ACT scores are the best predictor of college success

T    F
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QUIZ

2. Students who miss one class usually “get it out of their system” and attend well the remainder of the semester.

T  F
QUIZ

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T  F

When you don’t show up (especially at the beginning of the semester) the instructor thinks you don’t care.
3. Most college instructors are fair, understanding, and accept late work with a penalty.

T  F
QUIZ

3. Most college instructors are fair, understanding, and accept late work with a penalty.

T   F

But there are a few who don’t take late work. Find out on day one.
4. It is better to skip an assignment/miss a deadline than turn in poor work by the deadline.

T  F
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50% is better than 0%
5. The instructor’s syllabus is very important and reading it will likely boost your grade in the class.

T F
5. The instructor’s syllabus is very important and reading it will likely boost your grade in the class.

Many times, instructors include important information that might not ever be mentioned verbally.
STICKER ON KISS
MOVE IT TO YOUR PHONE
GO TO CLASS (even if you don’t feel like it)
TURN IT IN (even if it’s not your best work)
WHO YA GONNA CALL? (when you get a 47% on your first test)

Instructors want to see improvement, growth, increase
(It makes them feel like they’re doing a good job)
Sue Pedigo
Financial Aid, Volunteer State Community College
Beth Dorris
School Counselor, Merrol Hyde Magnet School
Author, Plan your Dive, and Dive your Plan to College