


# NOTES

## Six Ways to Ensure Student and Program Success on the Technical Skills Assessments (TSAs)



- Teach** Teach the content of the technical standards
- Use** Use the Blueprint for Instruction and Assessment, Instructional Framework, and Instructional Terminology to inform teaching and learning
- Use** Use the Assessment Reports as a planning tool
- Ensure** Ensure the best time for your students to take the test
- Know** Know the programs that are being tested and the testing schedule.
- Prepare** Prepare your students to take the test.

## Technical Standards

### Teach the Content of the Technical Standards

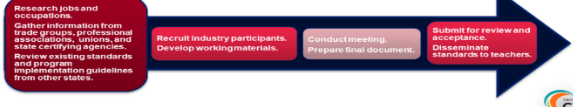
#### Why?

- The program standards (S/MCs) emphasize learning goals focused on key knowledge and skills.
- They provide a strong sense of what students and teachers are expected to do.

#### When?


- A discussion with the Program Specialists, teacher requests, and change and advancement in industry are critical in determining the need for standard review.

#### How?



## Technical Standards

### Update – 1 Teach the Content of the Technical Standards



#### Who?

The Arizona Career and Technical Education Quality Commission is the validating authority of the standards.

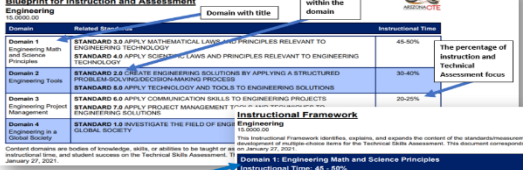
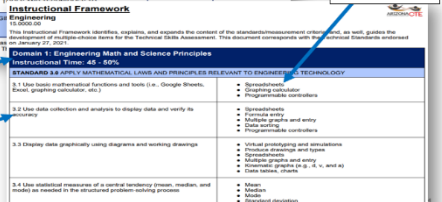
#### When?

Once endorsed, the completed standards are uploaded to the CTE website and further disseminated to teachers from the Program Specialist.

#### What?

Header, standards, and measurement criteria

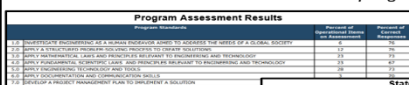
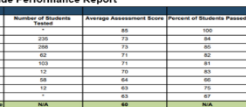
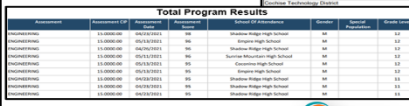
## Use Blueprint for Instruction and Assessment, Instructional Framework, and Instructional Terminology to Inform Teaching and Learning

## Technical Skills Assessment


### Use Assessment Reports as a Planning Tool

TSA reports provide a numerical description of what students learn and how well programs perform.


## Technical Skills Assessment

### FAST FACTS




#### Fact 1

TSA scores are shown as percentages (60% of 80 operational items).




#### Fact 2

TSA results are shown at the standard level not the measurement criterion level.




#### Fact 3

Test configuration is based on available TSA items for the Blueprint Domains.



#### Fact 4

Overall design of the TSA is to encourage teaching to the standards and not to the test.



#### Fact 5

COLLABORATE! COLLABORATE!

**Most Importantly:** Ensure the Best Time for your Students to Take the Test.



# Six Ways to Ensure Student and Program Success on the Technical Skills Assessments (TSAs)



Follow the link to the [CTE Technical Skills Assessments](https://www.azed.gov/cte/assessments) page on the CTE Website to learn more about the six updates. <https://www.azed.gov/cte/assessments>

### DENTAL ASSISTING 51.0600.00 TECHNICAL STANDARDS

The Technical Skills Assessment for Dental Assisting is available starting 2021.

**STANDARD 1: ADMINISTRATIVE DUTIES, OFFICE BUSINESS PROCEDURES**

- 1.1 Explain the importance of patient scheduling according to procedure time requirement.
- 1.2 Describe the function of dental equipment.
- 1.3 Prepare and maintain patient clinical records.
- 1.4 Prepare and maintain patient financial records.
- 1.5 Prepare and maintain inventory control and purchase orders.
- 1.6 Prepare and maintain emergency equipment and first aid supplies.
- 1.7 Describe public relations responsibilities of the dental team.
- 1.8 Perform office functions assigned (e.g., phone etiquette, reception, etc.).
- 1.9 Maintain the dental office appearance.
- 1.10 Handle and dispose of waste properly.
- 1.11 Identify pathological conditions affecting behavior of dental patients.
- 1.12 Identify dental practice functions (business, e.g., accounts receivable, collections, overhead expenses, etc.).

**STANDARD 2: USE INFORMATION TECHNOLOGY TOOLS COMMONLY FOUND IN DENTAL SETTINGS**

- 2.1 Identify computer hardware and software used.
- 2.2 Identify technical skills to operate software (e.g., word processing, databases, spreadsheets, multimedia, presentation software, internet, email, dental applications, etc.).
- 2.3 Prepare information from electronic patient information (e.g., referrals, lab testing prescriptions, and diagnostic data) and communicate appropriate information to personnel.
- 2.4 Prepare and maintain patient information (e.g., patient history, insurance, etc.).
- 2.5 Prepare and maintain patient information (e.g., patient history, insurance, etc.).

**STANDARD 3: DEMONSTRATE DISEASE PREVENTION, INFECTION CONTROL, AND WASTE MANAGEMENT PROCEDURES**

- 3.1 Identify personal protective equipment (PPE) and appropriate use.
- 3.2 Identify hand hygiene and proper use of hand sanitizer.
- 3.3 Identify and use appropriate disinfectants and sterilization techniques.
- 3.4 Identify and use appropriate waste management procedures (e.g., sharps, needles, waste, etc.).
- 3.5 Identify and use appropriate infection control procedures (e.g., surface disinfection, etc.).
- 3.6 Identify and use appropriate infection control procedures (e.g., surface disinfection, etc.).
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### ANATOMY OF A BLUEPRINT

Blueprint for Instruction and Assessment

Domain	Related Standards	Instructional Time
Domain 1: Engineering Math and Science Principles	STANDARD 1.0 APPLY MATHEMATICAL LAWS AND PRINCIPLES RELEVANT TO ENGINEERING TECHNOLOGY STANDARD 4.0 APPLY SCIENTIFIC LAWS AND PRINCIPLES RELEVANT TO ENGINEERING TECHNOLOGY	45.0%
Domain 2: Engineering Tools	STANDARD 2.0 CREATE ENGINEERING SOLUTIONS BY APPLYING A STRUCTURED PROBLEM SOLVING/ENGINEERING PROCESS STANDARD 4.0 APPLY TECHNOLOGY AND TOOLS TO ENGINEERING SOLUTIONS	34.4%
Domain 3: Engineering Project Management	STANDARD 4.0 APPLY COMMUNICATION SKILLS TO ENGINEERING PROJECTS STANDARD 7.0 APPLY PROJECT MANAGEMENT TOOLS AND TECHNIQUES TO ENGINEERING SOLUTIONS	20.2%
Domain 4: Engineering in a Global Society	STANDARD 1.0 INVESTIGATE THE FIELD OF ENGINEERING TO ADDRESS THE NEEDS OF A GLOBAL SOCIETY	5.10%

Content domains are bodies of knowledge, skills, or instructional time, and student success on the TSAs is based on the relationship among technical standards, instructional time, and student success on the TSAs.

### Test Schedules

#### Important Updates to the Spring 2021 Testing Schedule

It is extremely important that students be in school to complete the required exams. Please do not plan doctor's appointments, trips, or other out of school functions if dates if as possible. Final exams are cumulative and count 20% of the final grade.

Senior	Underclassmen
June 1 - 1st/2nd Block Final Exams	June 1 - 1st/2nd Block Final Exams
June 2 - 3rd/4th Block Final Exams	June 2 - 3rd/4th Block Final Exams

### REPORTS

Statewide Performance Results

Engineering - (15,000.00)	Statewide Performance Results
Engineering - (15,000.00)	Statewide Performance Results

### Test-Taking Strategies

8 Test-Taking Tips for Multiple-Choice Questions