

# TECHNICAL INFORMATION CONTESTS (State Only, Texas Only)

## PURPOSE

To determine the amount of related technical information each student has acquired specific to related study in their Career and Technical Program.

## ELIGIBILITY Technical information tests are conducted at the state level only.

Technical Information tests will be given in trade areas related to courses where SkillsUSA student members are enrolled throughout the state, and provided there are at least three (3) eligible contestants reported to the state office by the SkillsUSA District Directors. **Students may take only ONE Technical Information Test from EACH category at the state level if they qualify under the standards provided below.**

Eligibility: There are two categories of tests for contestants to participate in the Technical Information contest at the state meeting. (Refer to technical information contest list in this publication)

**Category I** - Limited to only 2<sup>nd</sup> and 3<sup>rd</sup> place contest winners in the Skilled and Technical Science Competitions as well as some demonstration competitions determined from each district level meeting in categories that are offered or as otherwise designated on the technical information contest list in this publication. Should the 1<sup>st</sup> and 2<sup>nd</sup> place contestant compete in the skills competition then 3<sup>rd</sup> and 4<sup>th</sup> place may take the Technical Information Tests. No substitutions will be made for technical information testing.

**Category II** - Open to SkillsUSA members in Career and Technical education programs approved for membership by Texas Education Agency and paid a registration fee to the district level contest event. Students must be enrolled in a course related to the technical information test, or have an individual training plan in related technical information test. No substitutions will be made for technical information testing.

## CLOTHING REQUIREMENT

1. Official Dress as described in the SkillsUSA Leadership Handbook OR
2. White polo with black slacks or black skirt OR
3. Official SkillsUSA Texas State Conference T-shirt with black slacks, black skirt, or nice jeans. (No shorts, tattered jeans or anything that would be considered unacceptable in an office environment.) OR
4. SkillsUSA Texas district polo or t-shirt with black slacks or black skirt or with nice jeans or casual pants. (no shorts, tattered jeans or anything that would be considered unacceptable in an office environment.)

## OBSERVER RULES

Since the Technical Information Tests are given as a written test in a classroom situation or on the computer as an individual test, there will be no observers present during the test.

## PROCEDURE

1. Students are allowed to take one Technical Information Test.
2. Contestants must report to the designated room at the scheduled time.
3. A written or computerized test will be given to each contestant.
4. There will be a two-hour limit for taking the test.
5. Questions will be asked pertaining to the trade area where the contestant has been registered and professional development questions.
6. Students and advisors should check the contest schedule for additional information specific for state conference. [www.skillsusatx.org](http://www.skillsusatx.org) then click on conference button.

## AWARDS

Awards will be based on the following standard. Gold, silver and bronze medals will be awarded based on scores:

**100 – 90 = Gold Medal**

**89 – 80 = Silver Medal**

**79 – to Cut Score = Bronze Medal**

In any testing area where no student receives a score above the cut score no medal will be awarded.

## TECHNICAL INFORMATION TESTS

High School Students Only

***This list is constantly being re-evaluated. When a Career Essentials Assessment test is made available, it will be substituted for any association or other test. Blueprints for assessments that are made available from the Career Essentials Assessment may be viewed at their web site – [www.workforcereadysystem.org](http://www.workforcereadysystem.org). All tests will be completed electronically at the conference.***

**Students may take only ONE test from each category at the state conference.**

### Types of Testing Content/Format

<i>Trade Associations meet at the TIVA professional development conferences</i>	<i>Trade Association will send a test bank to the state office. Professional development questions will be added by the state office</i>	<i>Written Test Or computer-based test</i>	<i>End of year type test to be updated by each trade association</i>
<i>Career Essentials Assessment</i>	<i>Test is part of the Career Essentials Assessment created by SkillsUSA</i>	<i>Electronic Test</i>	<i>Industry Driven Approved as 3<sup>rd</sup> party testing for Perkins V Act Certificate available for tests with a passing grade. Career Essentials passing scores vary. See the web site for that information. <a href="http://www.careeressentials.org/assessments/assessment-areas">http://www.careeressentials.org/assessments/assessment-areas</a></i>

\*\*Scratch paper may be used for all assessments requiring math calculations.

\*\*Open book or the internet is NOT permitted for test taking.

	CODE	Technical Information Name	Category	Type of Test
1.	TI3D	3D Visualization & Animation	Category I	Career Essentials Assessment, Auto Desk Materials allowed
2.	TIAD	Advertising Design	Category I	
3.	TIARD	Architectural Drafting	Category I	Career Essentials Assessment
4.	TIRP	Audio-Radio Production	Category I	Career Essentials Assessment
5.	TIAAC	Auto Air Conditioning	Category II	A-7 Delmar Study Guide 5th Edition
6.	TIAAT	Auto Automatic Transmission	Category II	A-2 Delmar Study Guide 5th Edition
7.	TIAB	Auto Brakes	Category II	A-5 Delmar Study Guide 5th Edition
8.	TICAD	Auto CAD Civil Design	Category I	
9.	TIAE	Auto Electricity & Electronics	Category II	A-6 Delmar Study Guide 5th Edition
10.	TIAER	Auto Engine Repair	Category II	A-1 Delmar Study Guide 5th Edition
11.	TIAMA	Auto Engine Performance	Category II	A-8 Delmar Study Guide 5th Edition
12.	TITRANS	Auto Manuel Drive Trains & Axels	Category II	A-3 Delmar Study Guide 5th Edition
13.	TIAPC	Auto Parts Specialists	Category II	P-2 Delmar Study Guide 5th Edition
14.	TIAS	Auto Suspension and Steering	Category II	A-4 Delmar Study Guide 5th Edition
15.	TIAMT	Automated Manufacturing	Category I	Career Essentials Assessment, calculator allowed
16.	TIMLR	Automotive Maintenance & Light Repair	Category I	Classmarker
17.	TIART	Automotive Refinishing Technology	Category I	
18.	TIAST	Automotive Service Technology	Category I	A1 – A7 Delmar Study Guides
19.	TIBAR	Barbering	Category I	Salon Fundamentals, Pivot Point current version, Milady standard 2016
20.	TIBHC	Basic Health Care	Category I	
21.	TITVN	Broadcast News Production	Category I	Association
22.	TIBS	Building Search	Category I	TCOLE
23.	TICERT	C.E.R.T	Category I	
24.	TICAB	Cabinetmaking	Category I	Career Essentials Assessment, non-programmable calculator allowed
25.	TICAR	Carpentry	Category I	Career Essentials Assessment, non-programmable calculator allowed
26.	TICNC	CNC Milling & Turning Technology	Category I	Career Essentials Assessment, machinist calculator allowed
27.	TICDA	Collision Damage Appraisal	Category I	I-Car – ASE-AYES
28.	TICR	Collision Repair Technician	Category I	I-Car – ASE-AYES

29.	TICB	Commercial Baking	Category I	Career Essentials Assessment, non-programmable calculator allowed
30.	TICP	Computer Programming	Category I	
31.	TICT	Computer Technology – Theory	Category II	Association
32.	TICOS	Cosmetology	Category I	Salon Fundamentals, Pivot Point current version, Milady standard 2016
33.	TI3DNAIL	Cosmetology 3D Freehand, Nail Art	Category I	Salon Fundamentals, Pivot Point current version, Milady 2016
34.	TICOST	Cosmetology Theory	Category II	Salon Fundamentals, Pivot Point current version, Milady standard 2016
35.	TICSI	Crime Scene Investigation	Category I	Career Essentials Assessment
36.	TICJ	Criminal Justice	Category I	Career Essentials Assessment
37.	TICJT	Criminal Justice – Theory	Category II	TCOLE
38.	TICA	Culinary Arts	Category I	Career Essentials Assessment, non-programmable calculator allowed
39.	TICS	Customer Service	Category I	Career Essentials Assessment
40.	TICYS	Cyber Security	Category I	
41.	TDP	Desktop Publishing	Category I	
42.	TIDE	Diesel Equipment Mechanics	Category I	To Be Determined
43.	TIRW	Electrical Construction Wiring	Category I	Career Essentials Assessment, 2008 or newer national code book allowed
44.	TIET	Electronics Technology	Category I	Career Essentials Assessment, non-programmable calculator allowed
45.	TICR	Career Ready Technical Test	Category II	Classmarker
46.	TIENG	Engineering Technology	Category I	Career Essentials Assessment
47.	TIFAC	Esthetics	Category I	Salon Fundamentals, Pivot Point current version, Milady standard 2016
48.	TIFTS	Felony Traffic Stop	Category I	TCOLE
49.	TICPR	First Aide CPR	Category I	
50.	TIFS	Forensic Science Test	Category I	Saperstein Forensic Science 3 <sup>rd</sup> Edition
51.	TIGC	Graphic Communications	Category I	Career Essentials Assessment (PrintED co-brand) replaces Ad Design
52.	TIHVAC	HVAC	Category I	
53.	TIIMC	Industrial Motor Control	Category I	Association
54.	TIWORK	Internetworking	Category I	Career Essentials Assessment
55.	TIITS	Information Technology Services	Category I	Career Essentials Assessment
56.	TISUR	Land Surveying	Category I	Association - TSPS
57.	TIMT	Marine Service Technology	Category I	Career Essentials Assessment
58.	TIMAS	Masonry	Category I	Career Essentials Assessment
59.	TIMECH	Mechatronics	Category I	Career Essentials Assessment, calculator allowed
60.	TIMA	Medical Assisting	Category I	Career Essentials Assessment
61.	TIMRT	Mobile Robotics Technology		
62.	TIMS	Motorcycle Service Technology	Category I	Career Essentials Assessment
63.	TINART	Nail Art	Category I	Salon Fundamentals, Pivot Point current version, Milady standard 2016
64.	TINC	Nail Care	Category I	Career Essentials Assessment
65.	TINA	Nurse Assisting	Category I	Career Essentials Assessment
66.	TP	Painter	Category II	NCCER
67.	TIP	Photography	Category I	Career Essentials Assessment
68.	TIPLB	Plumbing	Category I	Career Essentials Assessment
69.	TIPET	Power Equipment Technology	Category I	Career Essentials Assessment
70.	TIPRN	Practical Nursing	Category I	
71.	TIPCM	Precision Machining	Category I	Career Essentials Assessment
72.	TIRS	Restaurant Services	Category I	TBD
73.	TIMAR	Residential Commercial Appliance	Category I	
74.	TIUSR	Robotics – Urban Search and Rescue	Category I	
75.	TIR	Robotics and Automation	Category I	Career Essentials Assessment
76.	TISP	Screen Printing Technology	Category I	Career Essentials Assessment (PrintED co-brand)

77.	TITW	Team Works	Category I	Each student may register for 1 test in their area of expertise, Plumbing, Carpentry, Electrical, Masonry etc. NOT A GROUP TEST
78.	TITCA	Technical Computer Applications	Category I	Association
79.	TITD	Technical Drafting	Category I	Career Essentials Assessment, machinist handbook allowed
80.	TICAM	Television Camera Operator	Category II	Cyber College
81.	TITV	Television Video Production	Category I	Career Essentials Assessment
82.	TIWPD	Web Page Design	Category I	Association
83.	TIW	Welding	Category I	Career Essentials Assessment, non-programmable calculator allowed
84.	TIWELDI	Welding 1	Category I	Career Essentials Assessment, non-programmable calculator allowed
85.	TIWAP	Welding Applications (welding test)	Category I	Career Essentials Assessment, non-programmable calculator allowed
86.	TIWFAB	Welding Fabrication (welding test)	Category I	Career Essentials Assessment, non-programmable calculator allowed