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Building a Useable Inventory Template for Collecting State and Local Information for Meeting the Technical Skills Accountability Requirement

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 positions or policies of the Office of Vocational and Adult Education or
 the U.S. Department of Education, and you should not assume
 endorsement by the Federal Government.*

The NRCCTE Template for Building the Inventory of Technical Skills Assessments								
		Name of Technical Skill Assessment	Program Name	Course Name	Cip Code	CAREER CLUSTER	CAREER PATHWAY	Web Address
		Required				Can Be Imputed		
Third-Party Industry Technical Skills Assessments	National Industry Certification Exam							
	National Third-Party Technical Skill Exam							
	Credentialing or Licensing Exam							
	Other Third-Party Exam Measuring Technical Skills							
Third-Party State Approved Assessments (tied to State Standards)	State-Developed Program of Study Exam							
	State-Developed End-of Program Exam							
	State Approved End-of-Course Exam							
	Locally-Developed, State Approved End-of-Program Exam							
	Locally-Developed, State Approved End-of-Course Exam							
Proxy and Transitions Measures	Instructor-Developed Exam, not Approved Externally							
	Grade Point Average (GPA)							
	Program Completion							
	Course Completion							
State Contact Information								

<p align="center">The SCRAPPER Principle: Based on solid rationale, can a cost-effective, widely-reported, well-aligned, broadly penetrable, perfectly-estimated assessment instrument truly measure student technical skill performance levels?</p>								
Characteristics	How is technical S kill attainment defined?	Who bears the burden of the C ost?	What is the R ationale for the need for differentiated technical skill assessment system?	How are the assessment A ligned to internal and external standards?	How does one arrive at a single P erformance level?	What is the level of P enetration of the assessment?	Does the E stimation procedure truly measure technical skill assessment?	Which R eporting techniques provides the most consistent results?
Elements	Definition, Level of Inclusion; Degree of Specificity	Test Development; Update Costs; Administration Costs	Measures the Value-Added of CTE by providing a signal to the labor market and/or higher education; Provide data for local program improvement; Provide data for accountability and compliance.	Industry Standards; College and Program Accreditation (Student Learning Outcomes); State and Local Requirements; Programs of Study/Career Pathways	Target; Baseline; Variability	Program coverage; Student Coverage.	Validity; Reliability; Timing; Timeliness.	End of Course; End of Program; Bridging secondary/postsecondary divide; At job market entry;
<p align="center">Provides Descriptive Information about Specific Assessments</p>								

Distribution of Secondary Technical Skills Assessments by Cip Family Groupings and by Assesment Types																				
CIP FAMILY	IT	Health	Mech/ Tech	Bus	Constr	Comm	Agric	Eng. Tech	Personal & Culinary Svcs.	FACS	Prot. Svc.	Prec. Prod	Visual Comm	Arch	Trans	Nat. Res	Sci. Tech	Educ	Prks, Recr., Leis. & Fit. Std.	All 2-Digit Cips
CIP FAMILY CODE	11	51	47	52	46	10	01	15	12	19	43	48	50	04	49	03	41	13	31	
National Industry Certification Exam	173	42	103	52	65	46	18	7	16	4	5	9	0	1	2	0	0	0	0	543
National Third-Party Technical Skill Exam	2	59	22	16	7	3	3	16	10	3	9	7	3	6	1	1	0	0	1	169
Credentialing or Licensing Exam	0	6	1	3	2	0	3	0	4	1	0	1	2	0	0	0	0	0	1	24
Other Third-Party Exam Measuring Technical Skills	0	0	6	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
State-Developed Program of Study Exam	54	62	45	79	29	45	53	25	18	29	14	4	10	9	7	7	8	5	2	505
State-Developed End-of Program Exam	5	41	33	30	30	23	20	13	16	10	8	6	5	3	6	4	1	3	0	257
State Approved End-of-Course Exam	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4
Locally-Developed, State Approved End-of-Program Exam	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Locally-Developed, State Approved End-of-Course Exam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All Technical Skill Assessment Types	234	211	210	183	140	117	97	64	64	47	37	27	20	19	16	12	9	8	4	1519

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Distribution of Secondary Third-Party Technical Skills Assessments by CIP Family Groupings and Assessment Organizations (Two States)																
CIP FAMILY	IT	Mech/ Tech	Health	Bus	Constr	Comm	Culinary	Prec. Prod	Eng. Tech	Agric	FACS	Vis. Comm	Prks, Recr., Leis. & Fit. Std.	Prot. Svc	Arch	Total Third- Party Two- Digit CIPS
CIP FAMILY CODE	11	47	51	52	46	10	12	48	15	01	19	50	31	43	04	
www_brainbench_com	29		4	32		7								1		73
www_vue_com	12		13	1		10	1									37
www_nocti_org	2	10		2	9	1	1	1	1		1				1	29
www_healthscienceconsortium_org			24													24
www_ase_com		20														20
www_prometric_com	14		5		1											20
www_natef_org		12														12
www_provexam_com		2			4			1								7
www_nrf_com				5												5
www_emarketingassociation_com				4												4
www_nims-skills_org		3						1								4
www_faa_gov		4														4
www_ascp_org			3													3
www_ahrinet_org					2		1									3
www_aws_org								3								3
www_ifps_org		3														3
www_restaurant_org							3									3
www_webprofessionals_org	3															3
www_nahuc_org			2													2
www_gaerf_org												2				2
www_goamp_com			2													2
www_certiport_com	2															2
www_comptia_org	2															2
www_americanpayroll_org				2												2
www_atra_com		2														2
www_acfchefs_org							2									2
www_eta-i_org		2														2

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CIP FAMILY CODE	11	47	51	52	46	10	12	48	15	01	19	50	31	43	04	
www_adda_org									1							1
www_ahla_com				1												1
www_nraef_org							1									1
www_amt1_org			1													1
www_aamp_org			1													1
www_cdacouncil_org											1					1
www_eetc_org					1											1
www_ei-ahla_org				1												1
www_iaap_com				1												1
www_landcarenetwork_org										1						1
www_lasergrade_com			1													1
www_nbccert_org			1													1
www_nccer_org		1														1
www_nsca-cc_org													1			1
www_pahrahvacr_org		1														1
www_pijac_org										1						1
www_pltw_org									1							1
www_pork_org										1						1
www_ptcb_org			1													1
www_woodlinks_com					1											1
Total Third-Party Certifications	64	60	58	49	18	18	9	6	3	3	2	2	1	1	1	295

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