



SKILLED TRADE TRAINING SOLUTIONS

www.praecoskills.com

OVERVIEW

Fully Customized Training Solutions

**Integrating your people, machines, software,
processes and technology**

**Leveraging the knowledge and experience of
your best tradespeople.**

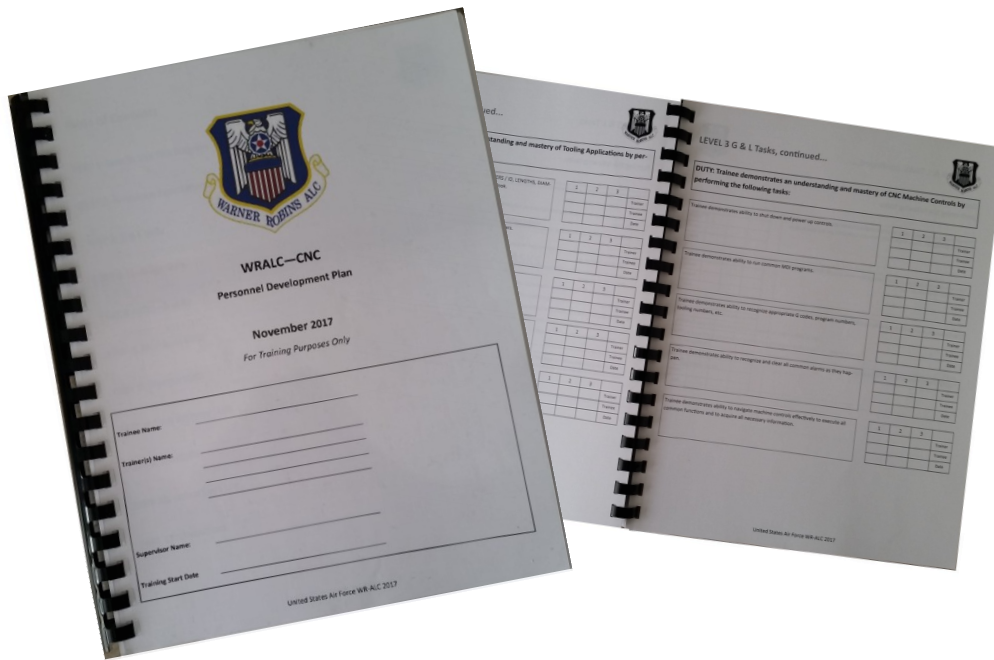
**Based on scientifically proven DACUM Job &
Task Analysis methodology**

**Combines time-tested training strategies with
modern tracking and administrative tools**

Supplements and enhances existing training

CUSTOMIZED TRAINING MANUALS

Each person in a specific job / occupation receives a Customized Training Manual that outlines their specific knowledge & skill requirements by task.

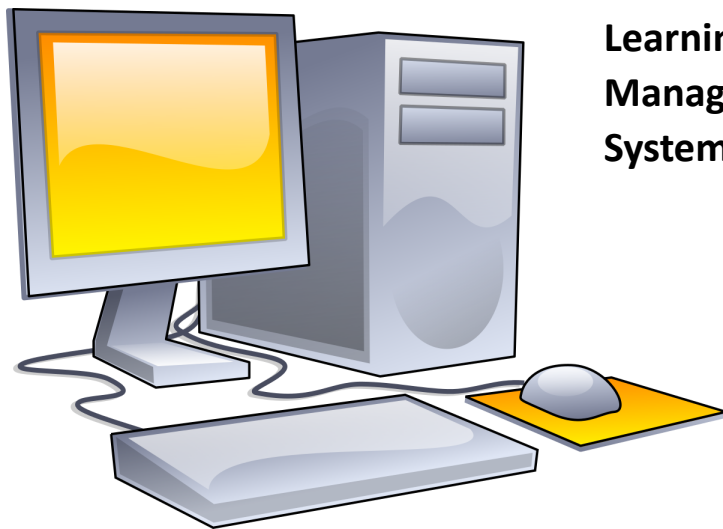


Customized Training Manuals Include:

- Machine, Process & Software specific training check sheets
- Tasks organized by complexity
- Tasks individually evaluated by trainers & final validated by supervisors
- Performance expectation timelines
- Online coursework & class requirements
- Performance evaluation criteria
- Tools or metrics identified by the Job Analysis

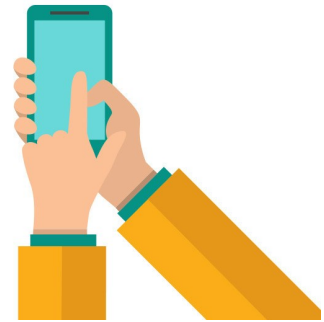
ELECTRONIC PERFORMANCE TRACKING

All data from the Customized Training Manual is uploaded to your own Learning Management System (LMS) where trainers and supervisors are able to run real-time reports of trainee progress.



Learning
Management
System

LMS



Modern Administrative Tools:

- Praeco Skills will use an industry standard open-source LMS that is used by thousands of organizations in both the private and public sectors
- Praeco Skills will design and upload your customized program to a modern LMS interface
- Praeco Skills will also integrate the training program with existing Learning Management Systems if desired

REAL-TIME PROGRESS REPORTING

The progress of each trainee, based on their Customized Training Manual is available at your finger tips. No need to locate a specific trainee to find out how their training is going—just run a report.

Last	Layout & Inspection	Drill Presses	Surface Grinders	CAD Die Build / Process	Manual Mill	WMC Skills	General Die Making Skills	Cam Dies: LEVEL 1	Cam Dies: LEVEL 2	Cam Dies: LEVEL 3	Cam Dies: LEVEL 4	Trim / Pierce Dies: LEVEL 1	Trim / Pierce Dies: LEVEL 2	Trim / Pierce Dies: LEVEL 3	Trim / Pierce Dies: LEVEL 4	Draws: LEVEL 1	Draws: LEVEL 2	Draws: LEVEL 3	Draws: LEVEL 4	First Trim Dies: LEVEL 1	First Trim Dies: LEVEL 2	First Trim Dies: LEVEL 3	First Trim Dies: LEVEL 4	Flange Dies: LEVEL 1	Flange Dies: LEVEL 2	Flange Dies: LEVEL 3	Flange Dies: LEVEL 4	Strike Dies: LEVEL 1	Strike Dies: LEVEL 2	Strike Dies: LEVEL 3	Strike Dies: LEVEL 4	Total
Borlie	31	75	23	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
Blotwin	38	65	48	63	53	50	70	34	41	35	25	32	32	30	25	42	42	29	25	32	33	31	35	36	34	31	25	33	35	33	25	1164
Dard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filins	69	88	71	54	64	0	73	57	61	50	50	61	61	50	50	60	58	50	50	62	60	56	60	61	59	50	50	54	65	50	50	1755
Germain	75	65	65	73	53	0	50	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	431
Lades	81	92	85	58	80	66	92	76	78	55	75	75	73	25	25	75	69	63	58	82	43	50	35	71	57	50	25	58	35	25	25	1858
Lashing	50	75	62	69	59	0	73	60	72	50	25	67	73	60	25	66	67	50	42	73	74	56	55	68	72	63	58	68	65	58	38	1792
Milius	81	73	75	67	71	57	41	12	27	25	25	33	25	25	25	58	58	0	0	25	31	25	25	25	28	25	25	25	40	25	25	1101
Miller	0	75	46	27	53	6.8	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	257
Midler	25	38	50	25	25	25	29	25	27	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	820
Mullen	31	48	44	56	33	9.1	57	43	37	25	25	29	31	25	25	32	25	13	25	29	31	25	15	45	45	25	25	47	50	50	25	1024
Parken	50	71	67	75	63	50	72	65	62	60	38	71	63	55	38	97	92	63	42	71	64	44	50	70	67	56	33	68	60	33	25	1834
Ranch	0	0	0	0	0	0	4.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.05
Tayner	75	81	63	40	61	39	68	46	48	30	25	47	40	35	25	68	53	38	33	43	42	31	40	43	41	31	33	45	55	25	25	1368
Thimpson	100	92	92	100	93	91	99	100	97	90	75	99	99	95	100	99	92	83	75	100	97	94	100	100	100	88	92	100	95	100	88	2924
Timmas	50	50	46	50	50	50	49	50	50	50	50	50	50	25	50	25	25	25	25	33	25	25	25	25	0	0	0	25	0	0	0	1004
Trenor	6.3	35	21	19	6.6	0	4.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91.9
Vandike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren	69	83	65	0	47	0	55	34	22	0	0	0	0	0	0	60	67	50	50	39	0	0	0	45	0	0	0	57	35	0	0	778
Wendell	50	83	38	44	42	9.1	37	4.4	2.7	0	0	6.6	3.6	0	0	9.1	17	0	0	6	6.9	0	0	6.3	0	0	0	5.3	10	0	0	381
Whatling	75	87	83	63	46	0	73	54	47	0	0	50	42	0	0	45	28	0	0	38	53	0	0	51	47	0	0	43	50	0	0	976
Wrightly	63	60	58	33	57	27	65	47	38	20	0	46	38	15	0	42	39	8.3	0	40	25	13	10	35	24	13	0	32	20	0	0	865
Wyright	0	79	75	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	214

On-Demand, Real-Time Training Dashboard :

- Instantly see the training gaps of your team
- Schedule work based off up-to-date qualifications
- Improve coaching and feedback
- Set training goals and targets with on-the-floor validated competencies
- Provide printable reports

SUPPLEMENTAL ONLINE TRAINING

As part of a comprehensive approach to talent development, we offer thousands of modules of trade-specific online training to develop the core-knowledge base of the tradesperson.

PRAECO SKILLS, LLC Returning Student Login

Please enter your username and password that you selected during registration, then click Submit.

Username:

Password:

Login

Forgot Your Password?

Powered By: **TOOLINGU** confidence to compete

Not Registered Yet?
[Register as a Student](#)

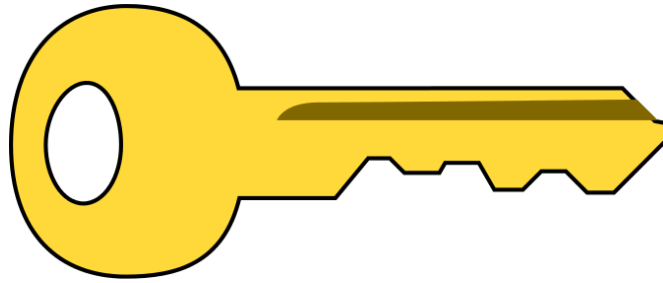
Helpful Links
[Home](#)
[Training on using Tooling U-SME](#)
[Support](#)

Class	Version	Due Date	Lesson	Tests	Notes
1. Introduction to CNC Machines 201	2.0	n/a	20	Tests	Notes (0)
2. Basics of the CNC Mill 212	2.0	n/a	1	Tests	Notes (0)
3. Coordinates for the CNC Mill 222	2.0	n/a	1	Tests	Notes (0)
4. Basics of G Code Programming 231	2.0	n/a	1	Tests	Notes (0)
5. Introduction to CAD and CAM for Machining 241	2.0	n/a	1	Tests	Notes (0)
6. Control Panel Functions for the CNC Mill 252	2.0	n/a	1	Tests	Notes (0) Resources
7. Offsets on the CNC Mill 262					
8. Creating a CNC Milling Program 302					
9. Canned Cycles for the Mill 322					
10. Basic Measurement 101					

CNC mills use a system of coordinates, called the **Cartesian coordinate system**, to specify both **workpiece** dimensions and the location of the **cutting tool** at any given point in a part program. The Cartesian coordinate system determines these locations as points in a three-dimensional grid defined by imaginary lines called **axes**. The three axes which are used to locate points in the Cartesian coordinate system are called the **X axis**, **Y axis**, and **Z axis**. The axes meet at **right angles**, and each axis indicates a specific direction.

Hundreds of Hours of Independent Training:

- Available 24/7 on mobile devices or regular computers
- Customizable learning plans
- Supervisors have ability to run progress reports



This program is **TRAINEE DRIVEN**

As a Trainee...

- You don't know what questions to ask
- You don't know who the Subject Matter Experts (SMEs) are in each area
- In short, you don't know what you don't know
- You need a program that clearly defines the training expectations

With this Program...

- The trainee has all learning content s/he needs clearly mapped out in task form
- The supervisors and trainers do not have to track excessive paperwork
- The responsibility to learn falls primarily on the trainee

STEPS TO BUILDING THE PROGRAM

STEP 1:
Analysis

STEP 2:
Development

STEP 3:
Implementation

STEP 4:
Maintenance

STEP 1: Analysis

- After your free preliminary onsite analysis, conduct an onsite evaluation of each required job occupation to identify all potential training constraints or roadblocks, and develop a logical plan for data collection.
- Develop a thorough breakdown of process flow and the logical ways a trainee should learn based on the specific area
- Work with Subject Matter Experts (SMEs) in each area to collect critical and specific job performance requirements
- Review all existing training tools and methodology
- Collect all data necessary for program development

STEP 2: Development

- Rank critical job tasks based on complexity and SME input
- Integrate pre-existing training into program
- Develop training check sheets and tools
- Onsite reviews of all training materials with SME's, supervisor's and trainer's
- Upload all program elements to LMS
- Testing of system functionality
- Trainee review for ease of use and accuracy

STEP 3: Implementation

- Complete Train-the-Trainer program covering adult learning principles as well as how to use the system
- Train-the-Trainee program covering how to learn as an adult and how to use the system
- Lead self-assessments of trainees skills, accomplishments and progress
- Onsite assistance with trainers and trainees for validating existing skills
- Onsite assistance with performance of skill and knowledge-gap analysis
- Development and administration of gap-closure plans

STEP 4: Maintenance

- Ongoing coaching and mentoring for all parties on proper training and system usage
- Monthly reporting on system usage and trainee progress
- Dynamic quality control reflecting your organizational and personnel changes
- Assistance in talent management activities based on program data

HOW TO GET STARTED

- Identify the specific job occupations that you want to have a program made for

Examples: General Machinist, CNC Machinist, Die Maker, Maintenance Tech, etc.

(Note: Sometimes an occupation will have the same name but responsibilities are drastically different based on the area they work. In this case, these would be considered different occupations.)

- Schedule an onsite evaluation for each identified occupation
- Upon completion of the onsite evaluation(s), Praeco Skills will submit a report detailing:
 - ◆ Suggested scope of work for the project
 - ◆ Potential training constraints and road blocks
 - ◆ Positive findings that the future program can build upon
 - ◆ Proposal for Developing, Implementing and Maintaining a Customized Training Program for the occupation analyzed.
- Each onsite evaluation is quoted separately based on information gathered on the initial free preliminary analysis



CONTACT INFORMATION

To solve your Skilled Labor shortage permanently, contact us today:

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www.praecoskills.com

Thank you for your time and consideration!