TPC ONLINE

Reduce overall learning time required to master skills through TPC Online courses

TPC Online™ is an industry-leading Learning Management System (LMS) that makes it easy to administer, track, assess, and report on employee skills training for your facility or across the entire enterprise. With more than 1,000 lessons to choose from, TPC Online™ has the deepest industrial training catalog in the industry. The online format provides the flexibility to receive training on demand from almost anywhere. Only TPC Training can provide your company with a total training solution.

TPC Online™ has three major components: a comprehensive training and management system, online test generation with delivery and tracking, and optional access to TPC Online courseware.

Students:

- Display and track progress against personalized training plans.
- Launch TPC Online pre/post-tests, receive score and remedial report.
- Launch TPC Online courseware and bookmark interaction.
- Generate an activity report in real-time and export the data in a variety of different formats including Adobe Acrobat, Microsoft Excel, and .CSV.
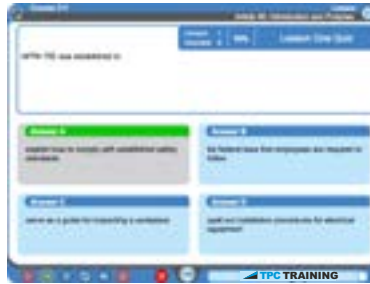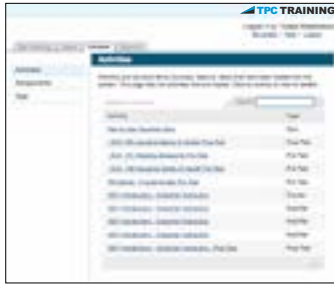
ASP Implementation:

TPC Online™ is provided as a hosted solution and can be accessed via the Internet at www.tpconline.com. We take care of all the hardware and software maintenance, all you need is a connection to the Internet.

Additional Features:

- Complete password protection with multiple access and security levels for students, training administrators and managers.
- More than 6,500 content-validated Master Test items organized into post-tests for every course in TPC Online's technical skills courseware library.
- More than 1,500 Diagnostic Test items organized into pre-tests you can use to assess the knowledge of your workforce, and to determine unique training plans based on each individual's knowledge.
- Easy integration with existing training programs, materials and processes using the SCORM standard.

Training Administrators:

- Assign, track, and report on technical skills training at one location or throughout the organization.
- Create locations, assign local administrators and register students.
- Craft and track personalized training plans by individual or group.
- View, edit, and change assignment start and due dates, allow additional test attempts and manually enter scores.
- Generate reports in real-time and export the data in a variety of different formats including Adobe Acrobat, Microsoft Excel, and .CSV.
- Manage all forms of training – TPC Online and third party interactive courses, classroom and self-study courses, on-the-job training courses, and off-site courses.
- Create unique training curricula consisting of any types of courses that you choose – and assign the curricula to any job position, department, location or individual student.
- Automatically compiles records of courses and tests assigned to each person, time spent in each course, progress, completion status, and test scores – and gives you comprehensive, automatic reports on all this information and more.

TPC Online™ Available Technical Courses:

View a course description by clicking any course below

Core Competencies:

101 - Reading Blueprints
102 - Reading Schematics & Symbols
103 - Mathematics in the Plant
104 - Making Measurements
105 - Metals in the Plant
106 - Nonmetals in the Plant
107 - Hand Tools
108 - Portable Power Tools
109.1 - Industrial Safety & Health
110 - Troubleshooting Skills
201 - Basic Electricity & Electronics
202 - Batteries & DC Circuits
203 - Transformers & AC Circuits
204.1 - Electrical Measuring Instruments
205.1 - Electrical Safety & Protection
206 - DC Equipment & Controls
207 - Single-Phase Motors
208 - Three-Phase Systems
209 - AC Control Equipment
210 - Electrical Troubleshooting
211 - Electrical Safety in the Workplace - Understanding NFPA 70E®
301 - Basic Mechanics
302 - Lubricants & Lubrication
303.1 - Power Transmission Equipment
304 - Bearings
305 - Pumps
306 - Piping Systems
307 - Basic Hydraulics
308 - Hydraulic Troubleshooting
309 - Basic Pneumatics
310 - Pneumatic Troubleshooting

Specific Competencies:

251 - Semiconductors
252 - Power Supplies
253 - Amplifiers
254 - Oscillators
271 - Introduction to Process Control
273 - Pressure Measurement
274 - Force, Weight, & Motion Measurement
275 - Flow Measurement
276 - Level Measurement
277 - Temperature Measurement
278 - Analytical Instrumentation
279 - Final Control Elements
280 - Safety, Calibration, & Testing Procedures
281 - Working with Controllers
282 - How Control Loops Operate
283 - Data Transmission
284 - Computers in Process Control
291 - Digital Logic Systems
298 - Programmable Logic Controllers
315 - Machine Shop Practice
316 - Machine Shop Turning Operations
317 - Machine Shop Shaping Operations
318 - Industrial Rigging Principles & Practices
323 - Machine Shop Job Analysis
324 - Lathe–Turning Work Between Centers
325 - Lathe–Machining Work in a Chuck
326 - Basic Milling Procedures
327 - Indexed Milling Procedures
328 - Multiple-Machine Procedures
331 - Bulk-Handling Conveyors
341 - Mechanical Drive Maintenance
342 - Mechanical & Fluid Drive Systems
343 - Bearings and Shaft Seal Maintenance
344 - Pump Installation & Maintenance

345 - Maintenance Pipefitting
346 - Tubing & Hose System Maintenance
347 - Valve Maint. & Piping System Protection
367 - Plumbing Systems Maintenance
379 - Mechanical Energy Conservation
380 - Electrical Energy Conservation
391 - Force and Motion
416 - Blueprint Reading for Welders
417 - Welding Principles
418 - Oxyfuel Operations
419 - Arc Welding Operations
431 - The Refrigeration Cycle
432 - Refrigerants & Refrigerant Oils
433 - Compressors
434 - Evaporators & Metering Devices
435 - Condensers & Cooling Towers
436 - Piping
437 - Control Systems
438 - Air-Handling Systems
439 - System Troubleshooting
440 - Absorption Chillers
441 - Heat Pumps
461 - Ammonia Refrigeration Basics
462 - Positive-Displacement Compressors
463 - Evaporators, Condensers, & Controls
464 - Purging, Piping, & Safety
501 - Introduction to Robotics
901 - Maintenance Organization
902 - Implementing Preventive Maintenance
903 - Controlling Maintenance Resources
904 - Improving Performance in Maintenance
905 - Effective Communication for Supervisors
906 - Employee Relations
907 - Managing a Training Program

*TPC Online Pre-and Post-Tests available for all TPC Online courses
In addition, TPC offers over 100 Safety courses including OSHA/regulatory compliance, HAZWOPER, Laboratory, General Safety and Health and much more.

For more information about TPC Online please contact a
TPC Training Consultant at **800.837.8872**

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