

Core Curriculum

1st Session Syllabus

UT02 2025



Core Curriculum: Course Selection Per Session

1st Session Core		
	PTSI Online Learning System Review	0
	Harassment Prevention: Awareness and Responsibilities - 2025 - CML	0
	Reading Comprehension - CML	0
	VEEP IC Applied Codeology CML	0
	VEEP IC Constructing Your Future	0
	VEEP IC Electrical Job Information 1	0
	VEEP IC Electrical Theory 1: Direct Current	0
	VEEP IC Construction Drawings	0
	VEEP Conduit Hands On Training	0
	Tech Math - CML	0
	OSHA-10	0
	VEEP Basic First Aid/Basic Life Support	0
	Aptitude Test	0

Core Curriculum: 1st Session Core Courses

	Credits	Page	Date
PTSI Online Learning System Review			
PTSI001	0.0	1	
Harassment Prevention: Awareness and Responsibilities - 2025 - CML			
J158LM.F	0.0	2	
Reading Comprehension - CML			
J199LM	0.0	2	
VEEP IC Applied Codeology CML			
VEEP.LC18	0.0	3	
VEEP IC Constructing Your Future			
VEEP.LC16	0.0	4	
VEEP IC Electrical Job Information 1			
VEEP.LC17	0.0	4	
VEEP IC Electrical Theory 1: Direct Current			
VEEP.LC19	0.0	5	
VEEP IC Construction Drawings			
VEEP.LC20	0.0	6	
VEEP Conduit Hands On Training			
VEEP.LC30	0.0	6	
Tech Math - CML			
J201LM.J1	0.0	7	
OSHA-10			
VEEP.LC1	0.0	8	

Core Curriculum: 1st Session Core Courses

	Credits	Page	Date
VEEP Basic First Aid/Basic Life Support			
VEEP.LC2	0.0	8	
Aptitude Test			
VEEP.LC10	0.0	9	

Core Curriculum: Course Level and Credit Summary

PTSI Online Learning System Review

Item Code: PTSI001

Core Curriculum Year: 1

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Notifications:

This course is designed to inform the users of the ProTech Skills Institute (PTSI) Online Learning System and its associated resources with the basics of how to interact with the tools. This course shows the user how the system is laid out and provides insight into how to get the most out of this

Required Material(s):

Lesson 1 Online Learning System Layout

Lesson 2 My Records

Lesson 3 PTSI Mobile App

Harassment Prevention: Awareness and Responsibilities - 2025 - CML

Item Code: J158LM.F

Core Curriculum Year: 1

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Notifications:

This course meets DOL and Committee requirements to provide anti-harassment training to apprentices

Required Material(s):

Lesson 1 Prohibited Harassment

Lesson 2 Sexual Harassment

Lesson 3 Reporting Harassment

Core Curriculum: Course Level and Credit Summary

Reading Comprehension - CML

Item Code: J199LM

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Lesson 1	Pre-Assessment
Lesson 2	<i>Reading Strategies</i> LMS Moodle Quiz
Lesson 3	Text Comprehension
Lesson 4	Paragraph Organization
Lesson 5	Drawing Connections
Lesson 6	Applying Reading Comprehension to Math
Lesson 7	Reading Comprehension Practice Quizzes
Lesson 8	Reading Comprehension Final Exam
Lesson 9	Completion Certificate

Core Curriculum: Course Level and Credit Summary

VEEP IC Applied Codeology CML

Item Code: **VEEP.LC18**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Lesson 1	1. Overview, Organization, and Chapter 1 of the National Electrical Code
Lesson 2	2. Planning the Installation
Lesson 3	3. Building the Installation
Lesson 4	4. Using the Electricity
Lesson 5	5. Special Occupancies
Lesson 6	6. Special Equipment
Lesson 7	7. Special Conditions
Lesson 8	8. Communications
Lesson 9	9. Tables and the Informative Annexes
Lesson 10	10. The Codeology Method
Lesson 11	11. Post-Course Assessment

VEEP IC Constructing Your Future

Item Code: **VEEP.LC16**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Lesson 1	1. What to Expect
Lesson 2	2. Opportunities Abound
Lesson 3	3. Personal Responsibilities & Expectations
Lesson 4	4. Safety Never Takes a Break
Lesson 5	5. What it Takes to Succeed

Core Curriculum: Course Level and Credit Summary

VEEP IC Electrical Job Information 1

Item Code: **VEEP.LC17**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

- | | |
|-----------|--|
| Lesson 1 | 1. Overview, Organization, and Chapter 1 of the National Electrical Code |
| Lesson 2 | 2. Planning the Installation |
| Lesson 3 | 3. Building the Installation |
| Lesson 4 | 4. Using the Electricity |
| Lesson 5 | 5. Special Occupancies |
| Lesson 6 | 6. Special Equipment |
| Lesson 7 | 7. Special Conditions |
| Lesson 8 | 8. Communications |
| Lesson 9 | 9. Tables and the Informative Annexes |
| Lesson 10 | 10. The Codeology Method |
| Lesson 11 | 11. Post-Course Assessment |

Core Curriculum: Course Level and Credit Summary

VEEP IC Electrical Theory 1: Direct Current

Item Code: **VEEP.LC19**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Lesson 1	1. Introduction to DC Theory: Terminology and the Basics
Lesson 2	2. Series Circuits
Lesson 3	3. Parallel Circuits
Lesson 4	4. Combination Circuits
Lesson 5	5. DC Circuit Analysis
Lesson 6	6. Switches and Conductors
Lesson 7	7. Magnetism and Electromagnetism
Lesson 8	8. Resources
Lesson 9	9. Support - Labs
Lesson 10	10. Final Circuit Assessment

VEEP IC Construction Drawings

Item Code: **VEEP.LC20**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Lesson 1	1. Introduction to Blueprints and the Design Process
Lesson 2	2. Scaling and Dimensions
Lesson 3	3. Plan Views
Lesson 4	4. Elevations
Lesson 5	5. Details and Sections
Lesson 6	6. Schedules and Specifications

Core Curriculum: Course Level and Credit Summary

VEEP Conduit Hands On Training

Item Code: **VEEP.LC30**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

- Lesson 1 Raceways and Conduit Systems
- Lesson 2 Cutting and Threading Conduit
- Lesson 3 Hand Bending 90 deg. Bends
- Lesson 4 Hand Bending Offsets and Kicks
- Lesson 5 Hand Bending Saddles and Corner Offsets

Core Curriculum: Course Level and Credit Summary

Tech Math - CML

Item Code: J201LM.J1

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

• *Building a Foundation in Mathematics (S665)*

• *TI-30X IIS Solar Calculator (S159)*

Lesson 1	Whole Numbers
Lesson 2	Fractions
Lesson 3	Decimals
Lesson 4	Integers
Lesson 5	Rational Numbers
Lesson 6	Exponents
Lesson 7	Units and Measurements
Lesson 8	Algebra Essentials
Lesson 9	Equations, Formulas, and Inequalities
Lesson 10	Ratios, Rates, and Proportions
Lesson 11	The Cartesian Plane
Lesson 12	Systems of Equations
Lesson 13	Tech Math Final Exam
Lesson 14	Completion Certificate

OSHA-10

Item Code: VEEP.LC1

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Core Curriculum: Course Level and Credit Summary

VEEP Basic First Aid/Basic Life Support

Item Code: **VEEP.LC2**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):

Aptitude Test

Item Code: **VEEP.LC10**

Core Curriculum Year: Advanced

Core Credits

Advanced Credits

0.0

Course Prerequisite(s): None

Other Prerequisites: None

Required Material(s):