

Data Quality Curriculum (DQC)

DATA QUALITY ENGINE SPECIALTY MODULE SYLLABUS

MODULE INFORMATION

Module Description: The Data Quality Engine (DQE) is a component of PIMS that validates data within and across data sets. The DQE is used to increase the overall quality of data while decreasing overall errors. The DQE Specialty Module consists of online exercises, including resource reviews, simulations, a quiz and optional forum discussion.

Module Objectives: The objective of the DQE Specialty Module is to reinforce current knowledge of the DQE procedures.

Upon completion of this module participants will reinforce knowledge, current terminology, technical and practical procedures, while providing and opportunity to gain endorsement for their PDE certificate.

Module Requirements: Participants in the DQE Specialty Module will need the following to successfully meet all module requirements:

- Internet access
- Access a Moodle account
- Complete all assigned coursework on time with a 90% average.

Module Structure: This module will be delivered through online learning. Sessions will be delivered through the online platform of Moodle (<https://www.padqc.org/learn>).

Once on the DQC Moodle site, participants will access the online exercises, course materials, and resources.

Moodle Access: To access the DQE Specialty Module on Moodle, participants will need access to the Internet and a supported Web browser such as Firefox, Google Chrome, or Safari.

Moodle login information will be provided for access to the module through the DQC login page that can be found at <https://www.padqc.org/learn>.

Technical Support: If you need technical assistance at any time during the module or to report a problem with Moodle, you can:

- Review the online Moodle Tutorial located in the *Need Help with Moodle* block on the DQC Moodle site.
- Click the forgotten password link and follow instructions for password retrieval.
- Contact the PIMS point of contact at your local intermediate unit.

General Information: *Tracking Progress:* Participants can review their progress throughout the module by locating the Assignments block in Moodle and clicking the quiz and assignment link. To review a combined list of completed assignments and quizzes, locate the Grades option under Settings.

Grading: Quiz questions are worth one point each and will be graded automatically through Moodle.

Contact Information: Please contact RA-DDQDataCollection@pa.gov with questions or for more information.

MODULE OUTLINE

| <i>DQE Specialty Module</i> | |
|------------------------------------|--|
| <i>Exercise</i> | <i>Quizzes</i> <i>All resource documents are available on Moodle.</i> |
| <i>1: Simulation Review</i> | <ul style="list-style-type: none">• DQE Clean File Simulation• DQE Error Simulation |
| <i>2: Exercise One: DQE</i> | <ul style="list-style-type: none">• DQE Quiz 1 |
| <i>3: DQC General Forum</i> | <ul style="list-style-type: none">• Please use this public forum to post any questions, comments, or concerns while completing the module. |