360water Online Course Structure

Introduction

All of our classes are based on the same format. They are a minimum of one hour in length. All classes begin with key words and vocabulary, and then begin presenting the course material. There are intermittent quizzes throughout the course content to ensure the operator is gaining the important information. At the conclusion of the course, there is an examination which requires the operator demonstrate 100% proficiency for a certificate to be generated. If a question is answered wrong during the examination, relevant text is displayed, the answers are jumbled, and the operator must attempt the question again. This procedure is used in order to provide the most comprehensive and interactive learning modules to ensure the operators success in the industry.

These features are common to all 360water, Inc. online courses:

Course length	All courses are 1 hour long.
Interactive quizzes	All courses have quizzes throughout the course content.
Interactive Tests	All courses have a final test that they student must take. Students must answer every question correctly to receive credit for the course.
Certificate of completion	After a student has successfully completed the test they can print a certificate of completion. The certificates are only available after the student has completed the course material and the course test and the course clock has reached at least one hour. Students are given credit for only one hour even if it takes them longer than one hour to complete the course and test.

Course Length

Courses are designed to take a target student one hour to complete. Target students are plant operators with a high school education or equivalent. If a student takes longer than one hour to complete to course the student still only receives one hour of credit for the course. The courses are meant to be stopped and started. There is a course clock that tracks the time the student spends actively taking the course. The clock stops when the student exits the course and resumes when the student re-enters the course.

Course length was determined originally by data from:

- Price Waterhouse Coopers – a study by this group for the Ohio supreme court determined that 20-30 pages of on-line content was equal to one hour of training.

- Instructor led training – an analysis of the materials (including handouts) covered in a one hour period of time for several instructor led water courses provided by the Ohio EPA indicated that 20-30 pages of on-line content was equal to one hour
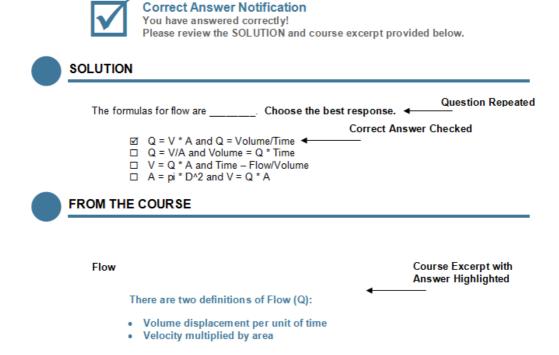
In 2003 this analysis was supported by the Pennsylvania department of water which issued a report that said 25 pages of on-line content was equal to one hour. All of the courses submitted have at least 25 online pages of online content.

Interactive Quizzes

Each course has quiz questions throughout the body of the course content. The student must answer the quiz question before continuing with the course content.

When the student answers a quiz question correctly they are shown the question with the correct answer checked and the course excerpt that the question was based on. This is an example of what the student sees when a quiz question is answered correctly:

When a student answers a quiz question incorrectly they are shown the course excerpt then the question with the correct answer checked. This is an example of what the student sees when a quiz question is answered incorrectly:

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Wrong Answer Notification
You have answered incorrectly!
Please review the course excerpt and SOLUTION provided below.

FROM THE COURSE

Flow

There are two definitions of Flow (Q):

- Volume displacement per unit of time
- Velocity multiplied by area

Course Excerpt with Answer Highlighted

SOLUTION

The formulas for flow are _____. Choose the best response.

Question Repeated

Correct Answer Checked

- ☑ Q = V * A and Q = Volume/Time
- ☐ Q = V/A and Volume = Q * Time
- ☐ V = Q * A and Time – Flow/Volume
- ☐ A = pi * D^2 and V = Q * A

Interactive Tests

At the end of each course there is a test. Students must answer every question, though they can temporarily skip a question and answer it later. Questions are shown in a random order and the answer choices are scrambled each time the question is shown. This prevents the student from answering the question by elimination. This also prevents one student from providing answers to another student. The student must answer all questions correctly to receive a certificate of completion for the course.

When a student answers a test question correctly they are shown the answer and the course excerpt the question was based on. This is an example of what the student sees when a test question is answered correctly:

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Correct Answer Notification
You have answered correctly!
Please review the SOLUTION and course excerpt provided below.

SOLUTION

The formulas for flow are _____. Choose the best response. ← **Question Repeated**

☑ Q = V * A and Q = Volume/Time ← **Correct Answer Checked**
☐ Q = V/A and Volume = Q * Time
☐ V = Q * A and Time – Flow/Volume
☐ A = pi * D^2 and V = Q * A

FROM THE COURSE

Flow

There are two definitions of Flow (Q): ← **Course Excerpt With Highlighting**

• Volume displacement per unit of time
• Velocity multiplied by area

[Continue]
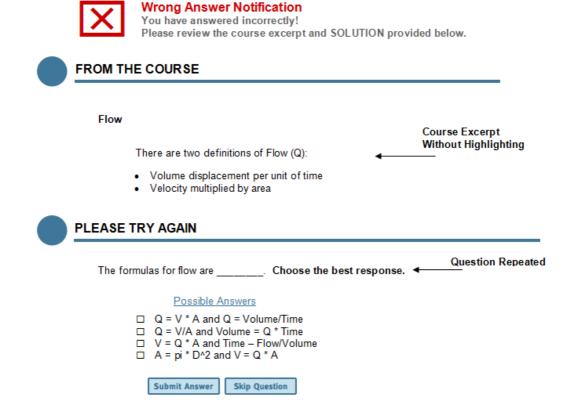
When a student answers a test question incorrectly they are shown the course excerpt the question was based on and asked to try answering the question again. This is an example of what the student sees when a test question is answered correctly:

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Wrong Answer Notification
You have answered incorrectly!
Please review the course excerpt and SOLUTION provided below.

● FROM THE COURSE

Flow

There are two definitions of Flow (Q):   → Course Excerpt Without Highlighting

- Volume displacement per unit of time
- Velocity multiplied by area

● PLEASE TRY AGAIN

The formulas for flow are _____. **Choose the best response.**   → Question Repeated

Possible Answers

- ☐ Q = V * A and Q = Volume/Time
- ☐ Q = V/A and Volume = Q * Time
- ☐ V = Q * A and Time – Flow/Volume
- ☐ A = pi * D^2 and V = Q * A

[Submit Answer] [Skip Question]

Successful Course Completion

The student must answer every test question correctly to successfully complete the course.

Certificate of Completion

When the course content and test have been completed and the course clock has reached at least one hour the student can print a certificate of completion that has the student's name and address and the date the course was completed.

This is an example of a course certificate of completion:

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Operator Education
Certificate of Completion

This certifies that the individual below has completed the named education courses with 100% proficiency.

Course: Accident Investigation - WTR
Course Code: 360water-B000003-X
Credit Value: 1 Hour
Author: Alan J. Tucci, M.P.A.

Time: 1:00:00
Serial #: 2012100510574321326
Completion Date: 10/05/2012

Monica Simpson
965 West Third Ave
Columbus, OH 43212

My signature confirms that I personally completed the above-described education course.

← Date course was completed.

Signature

Operator ID