





Common Inquiry:

How can I present questions to my class with H-ITT CRS?

In Acquisition there are many ways present questions (deliver content) to your students. In almost all cases you do not need to change the content you are using or how you currently pose questions your students.

FIRST it is important to understand how the H-ITT CRS works, it is so easy to use that it's simplicity is easily overlooked. There is no need to create any special question set, you simply deliver a question and use Acquisition to collect responses, with your option to assign a correct answer to those responses. What and how you deliver questions is discussed below, but in all modes and methods the essence of Acquisition uses 2 mouse clicks (and a keyboard input when applicable).

Here is how: When a question is delivered, start collecting responses by pressing the  start question button. When all student responses are in, press the  stop question button to get the histogram of results. It does not matter what question you asked, or how you delivered this question, you've just collected gradable responses. If the question you delivered has a correct answer, then you can **grade it** (or rather assign a correct answer) with your computer keyboard, either during collecting responses, or when viewing the results.

All of the Acquisitions menus, options and features only *support* these 2 steps of start question and collect responses, and stop question. *Support* meaning ways for you to customize how and what you delivering, like displaying and arranging your content from the slides menu, to showing the correct answer to your class, or what's displayed in the ID grid, to how this data is saved, plus a host of other user specific options available.

NOTE: **Grading** with Acquisition is optional, you can also assign/edit correct answers in Analyzer using answer keys for entire question sets, or individually using the question grader.

Question delivery options: You can set up the Acquisition program to collect and grade student responses using your content delivered your way. There are various modes provided in Acquisition you can access with just a few mouse clicks, choose the mode that fits how you deliver, and what you use to get content to your class.

How you deliver your content means what method do you use to pose questions?

Examples are Verbally, Written on a chalkboard, lessons and questions displayed (using a PC projector, or a white board), or handing out a paper test.

What you are delivering means what content format are you using?

Examples are a PowerPoint presentation, Questions written in a text document, Publishers questions at the end of each chapter (these can come in many different forms, printed and electronic format), State aligned content available on-line or from 3rd party vendors like ExamView and RM education, or through a management system like Blackboard and Angel.

Obviously there are a lot of content formats and methods to deliver it you may use, and describing "how to" for every scenario is beyond the scope of this, but here are some simple guidelines to what Acquisition mode to use based on what you deliver and how you deliver it.

NOTE: In many cases there are multiple ways to deliver the same content. An example of this is given below for Windows PowerPoint.

The basic configurations or modes that you can choose are:

- The full screen configuration
 - The split screen configuration
 - The Tool Bar (Float on top) mode
 - The Paper based testing mode
 - The Homework mode (multi-digit capable systems only)
- (A short description of each configuration follows)

1. The full screen configuration, is typically used for:

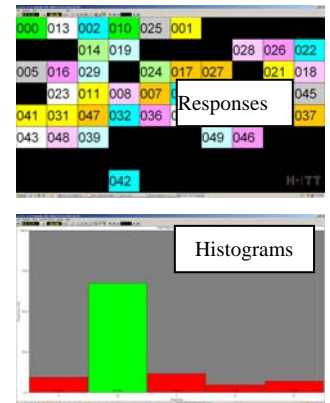
- Verbal on the fly questions, attendance and polling
- Questions written on your chalk board.

In this mode, Acquisitions full screen window is used to display clicker responses (acknowledgement), and show the histogram when the question is stopped.

This mode can also be used where the classroom has 2 independent display setups, where one can run and display the content, and the other can run Acquisition to collect responses and show the histogram.

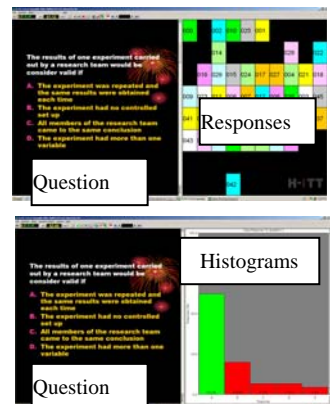
For H-ITT CRS V1, this is the default mode, active when none of the following modes are selected.

For H-ITT CRS V2, this is the single question mode, selected from the MODE pull down menu and can be used for both Multiple Choice or Fill in the blank (multi-digit) question types.



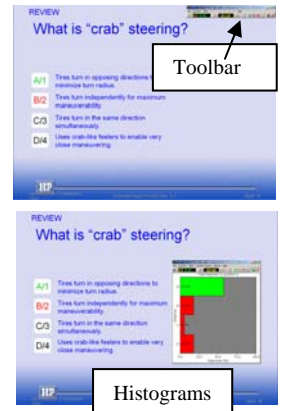
2. The split screen configuration, used for displaying content with a video projector within the Acquisition window from various content delivery programs. This split screen mode is automatically evoked when you open your content from the slides pull down menu.

- Slides files, opens and displays standard content file formats such as PowerPoint, Word, Excel, text and other standard document formats as well as Blackboard content files, HTML and special H-ITT formats.
- Slides folder, opens graphic or picture content in folders such as jpg or tiff, and other graphic formats.
- With digital ink tools such as the Dukane airslate.
- With web based content, browse to any web site.



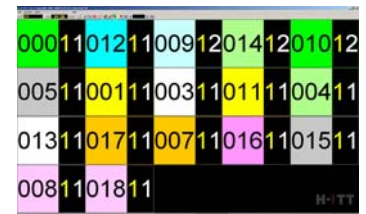
The Acquisition window will split so that a portion is used for displaying the content and a portion is used to display responses as they are collected, and show the histogram when the question is stopped. You can change the split to best fit both the content and ID / histogram areas using the many options from the slides pull down menu.

3. The Tool Bar mode with float on top, used to collect responses and show the histogram with virtually any content delivery method. In this mode, the Acquisition program is shrunk to a small toolbar that can float on top of whatever program you are using to display the content to the class (not available for MAC). You can move the toolbar anywhere on the screen. Students verify their answer is recorded via the green light on their remote. An input counter on the toolbar lets you know how many responses are collected. The histogram will pop-up when the question is stopped. The Tool Bar mode will work with your full screen PPT presentation. The example shows a full screen PPT with the toolbar. This mode is selected: For H-ITT CRS V1: From Options>advanced pallet (check Toolbar only and Keep window on top of all other windows. For H-ITT CRS V2: From the MODE pull down menu and can be used for with either Multiple Choice or Fill in the blank (multi-digit) question types.



4. The Paper based testing mode.

In this mode students can work at their own pace to answer questions from a paper quiz or test that you hand out. Acquisition operates in the full screen mode with additional information attached to each students ID box that lets them know which question they are answering, and if they have answered it. Students use the left and right arrow keys on their remotes to scroll through Multiple Choice paper based questions at their own pace. This mode is entered:



For the H-ITT CRS V1, select test mode from the Options>general pallet, and the float on top function from the Options>Advanced pallet. For H-ITT CRS V2, selected from the MODE pull down menu and can be either testing-Multiple Choice or Testing-Fill in the blank for multi-digit responses.

5. The Homework collection mode. Used with multi-digit capable systems, the Select MODE=Homework Collection

In this mode students can complete homework assignments at home, save them to their remote and send in their homework assignment when they return to class. Only Multi-digit capable remotes can be used with the Homework collection mode. In The Homework Collection mode, the ID grid configuration looks the same as for the Testing configuration.

Special notes for PowerPoint users:

PPT presentations using Windows operating systems can be "displayed" in several ways:

1. Select your PPT from the Slides>open slides file menu. Pros: You can maintain the animation that may be present in your PPT, and the ID grid is displayed. Cons: Can not use your remote to advance slides, and depending on your office version, you may need to "click" into the Histogram area to change the keyboard focus from PPT to the Acquisition program when assigning a correct answer or showing the correct answer..
2. Save your PPT as image files, and open from the open slides folder option. Pros: You can advance slides with your instructors remote. Cons: you lose any animation.
3. Use the toolbar mode with float on top to collect responses from your PPT. Pros: Your PPT can run in the full screen mode with all animation. Cons: The ID grid is not displayed.