Using AI Design Assistant Tools

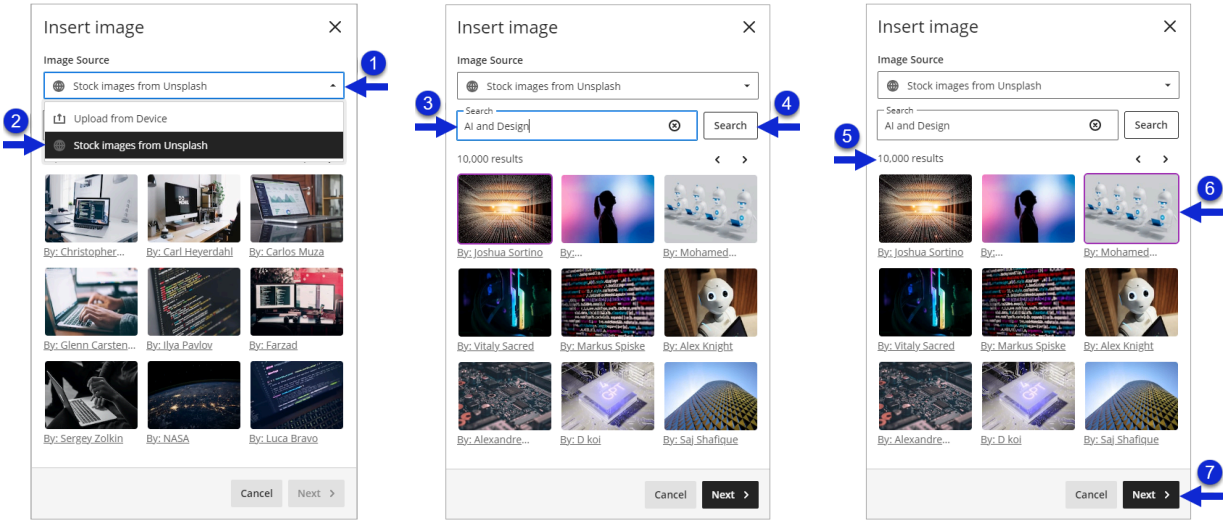
Blackboard Ultra

Online Campus

Generating Images in Course Content

AI Design Assistant utilizes Unsplash to generate stock images that can be used in announcements, discussions, journals, documents, learning modules, and course banners. In order to access this feature, find and click the function within your course content and follow the instructions below:

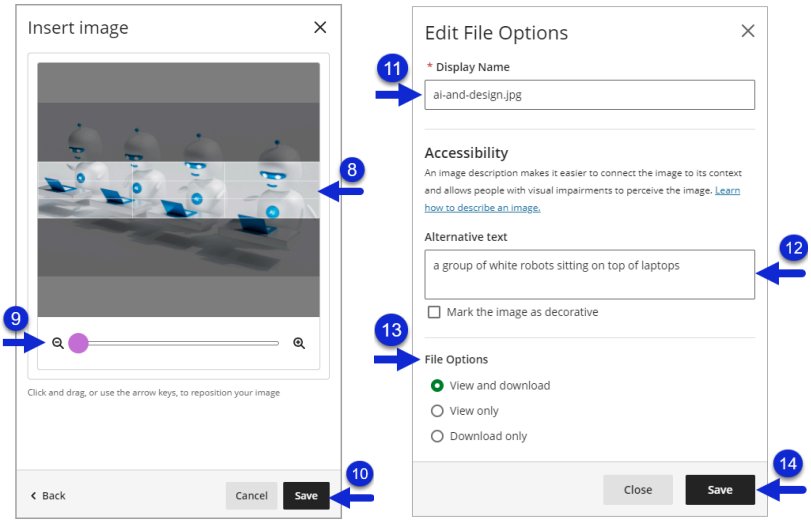
1. Click the dropdown arrow under the Image Source Header.
2. Select *"Stock images from Unsplash".*
3. Search for an image by typing in the *Search* field.
4. Click the *Search* button.
5. Use the arrows to view the results.
6. Select the desired image.
7. Click the *Next* button.



Customize the image by adjusting display settings and file options to increase accessibility for students.

Display Settings & File Options

8. Click and drag the grid for repositioning.
9. Click and drag the circle to zoom in or out.
10. Click *Save* to continue.
11. Type a name for the image under the *Display Name* field.
12. Add a description of the image in the *Alternative text* field under *Accessibility*. If the image is for decorative purposes, check the "*Mark the image as decorative*" box.
13. Select a file option to allow students the option to view and/or download the image.
14. Click the Save button.



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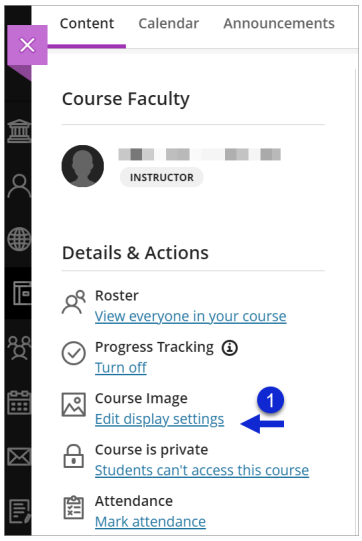
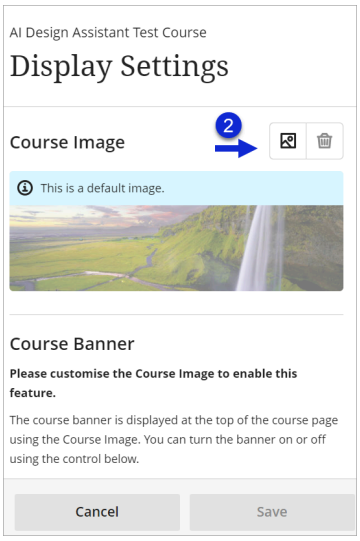
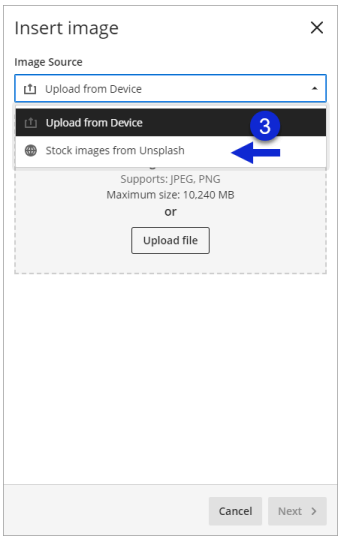
Generating a Course Banner Image

1. In the Ultra Course, locate the *Details & Actions* menu. Click *Edit display settings under Course image*.
2. In the Display Settings panel, click the icon.
3. The *Insert Image* pop-up will appear. In the menu of options, select *"Stock Images from Unsplash"*.
4. Follow the steps as listed above to search for and select an image.



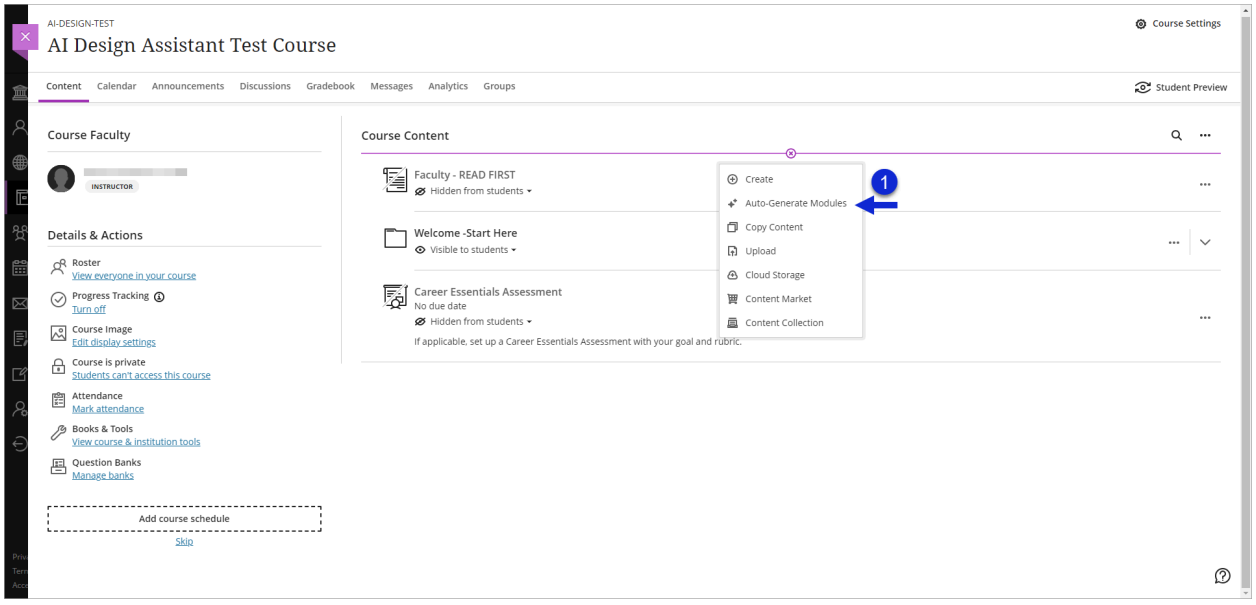




Generating Learning Modules

The Auto-Generate Modules feature of AI Design Assistant creates learning modules based on the instructor's course title and description. From there, instructors can modify how many modules are needed and the reading level of the individual modules. In order to access this feature, find and click the ⊕ function on the *Course Content* page. Then, follow the instructions below:

1. Select *Auto-Generate Modules.*



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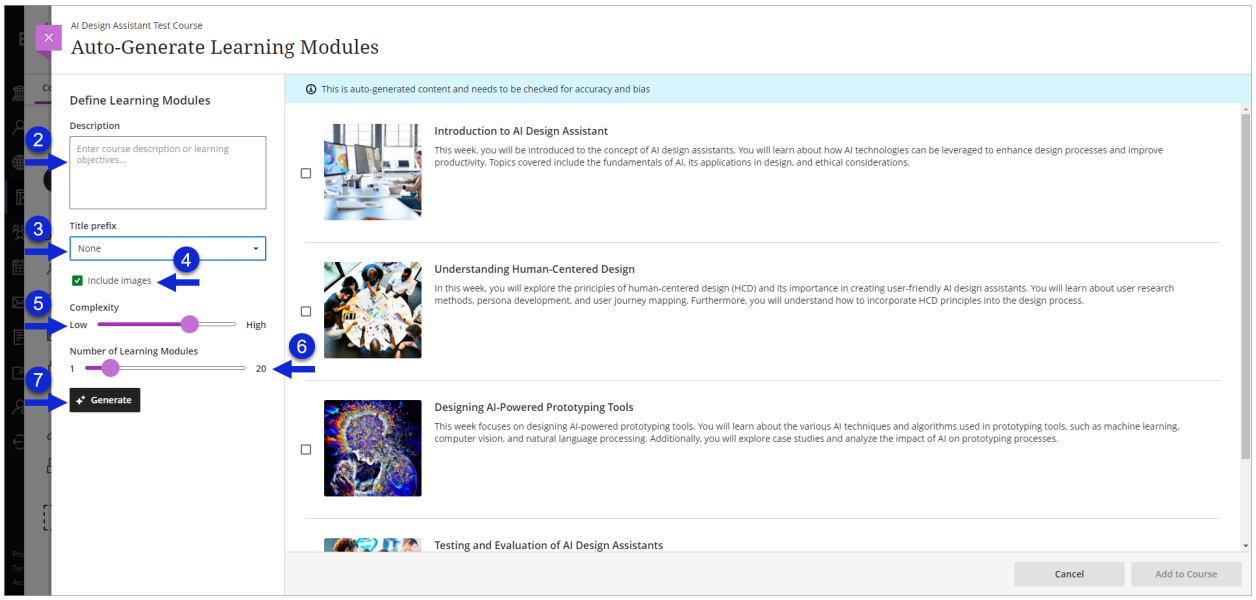
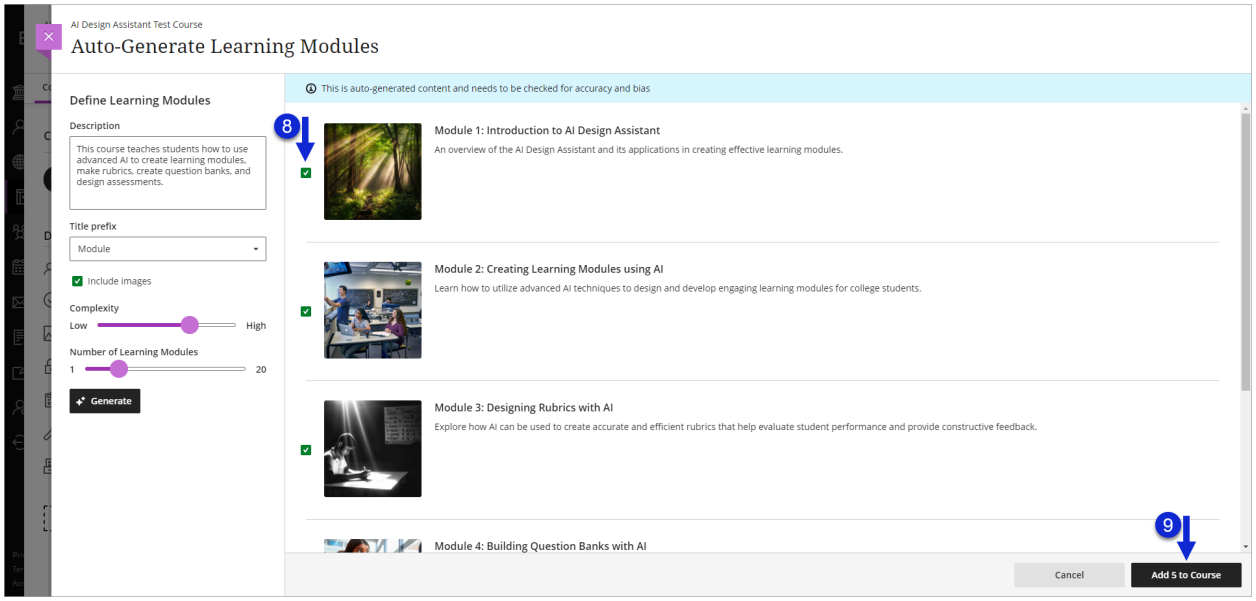
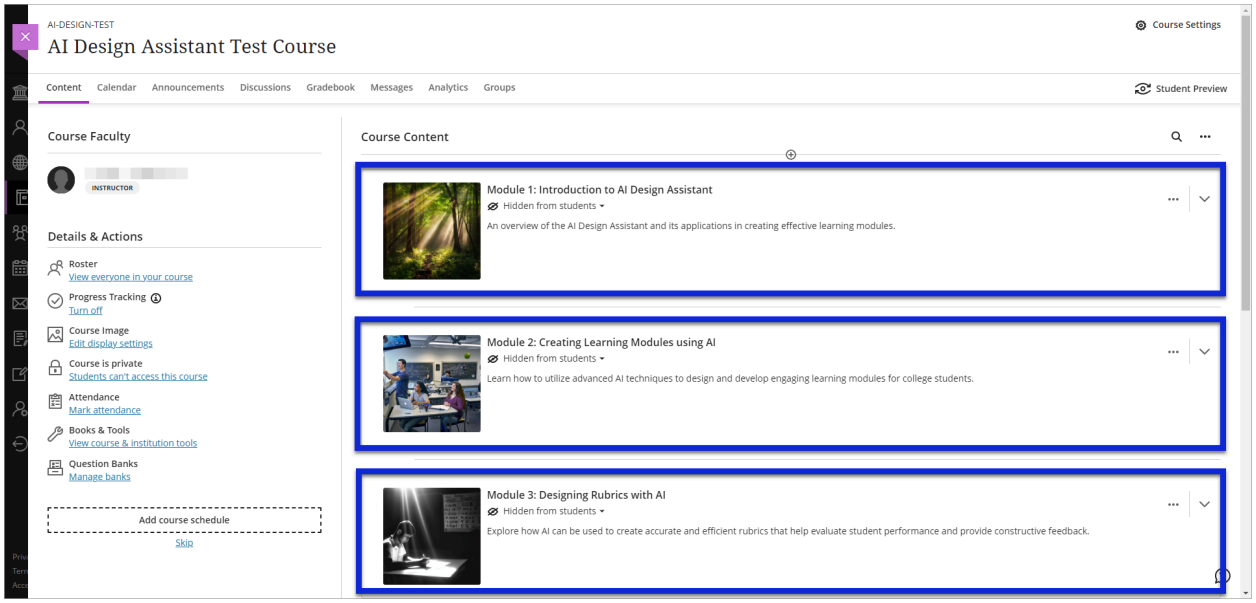
2. Upon arriving at the Auto-Generate Learning Modules panel, enter a description or learning objectives in the *Description* field.
3. Click the dropdown arrow under *Title prefix* to choose a module title
4. Choose whether to add AI-generated images with modules by checking/unchecking the *include images* box.
5. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
   a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
6. Click and drag the purple circle under *Number of Learning Modules* to choose the desired number of learning modules.
7. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



8. Select the desired learning modules from the generated results by clicking the checkboxes.
9. Click the *Add # to Course* button located in the bottom right corner of the panel.



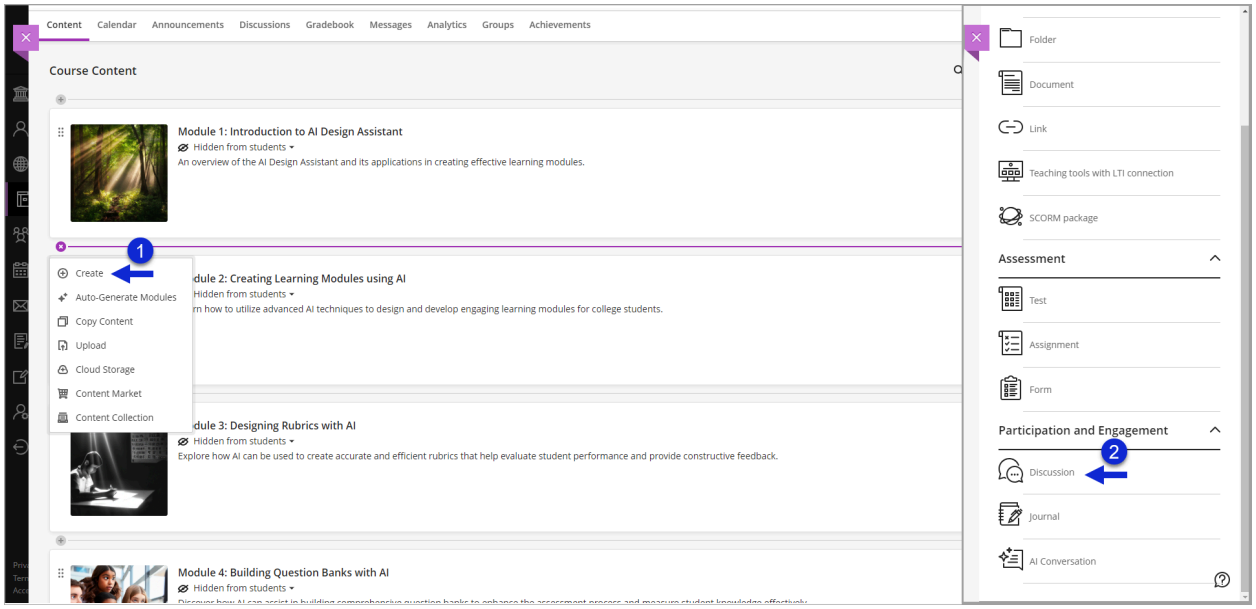
Selected modules will be displayed on the Course Content page. Please move each module as needed by clicking and dragging to the desired location.



Generating Discussion Prompts

The Auto-Generate Discussions feature creates discussions based on course title and description. Instructors can also change the cognitive and complexity levels, and use the Advanced Options dropdown to select language output. To begin, find and click the ⊕ function on the *Course Content* page and follow the instructions below:

1. Select *Create.*
2. When the Create Item tab populates, select "*Discussion"* under the Participation and Engagement section



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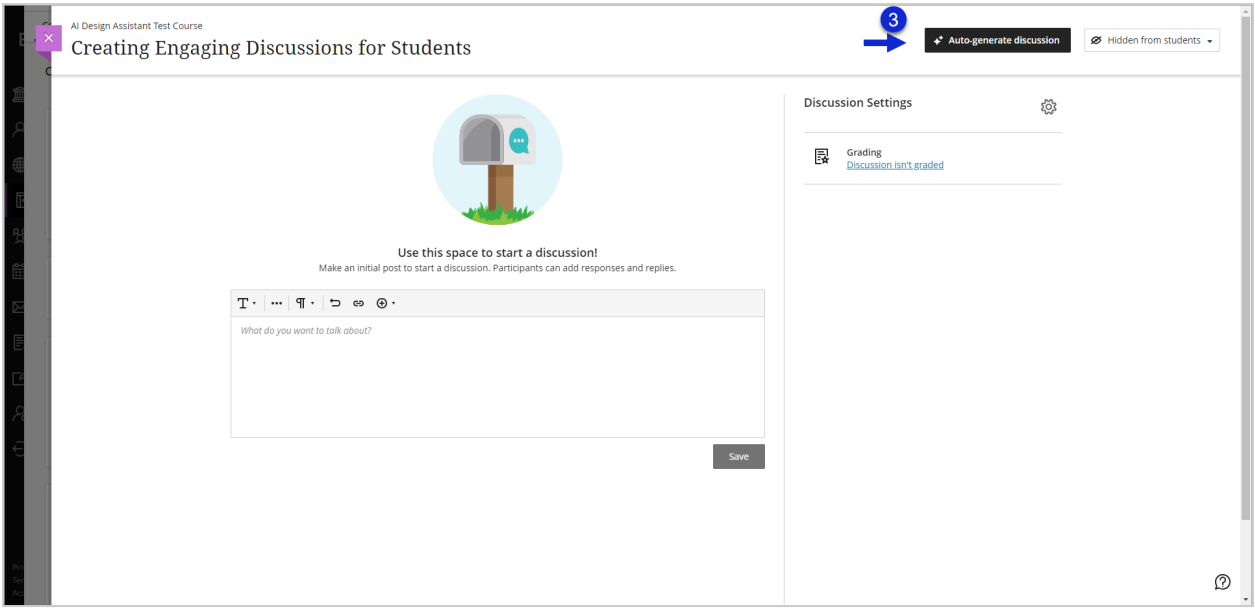
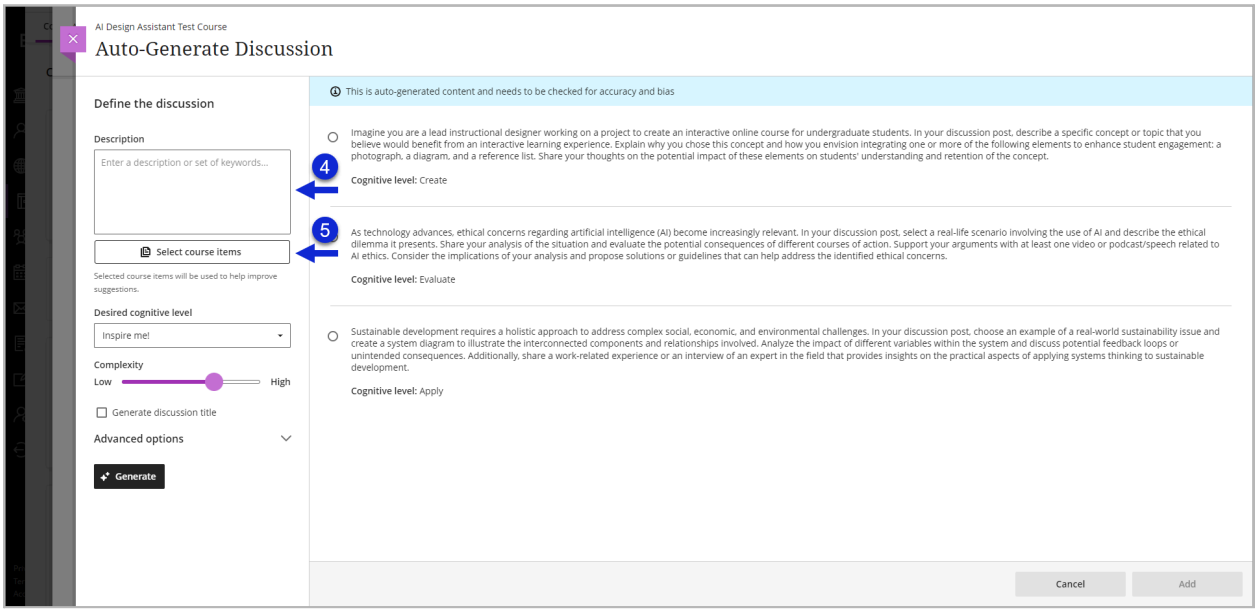
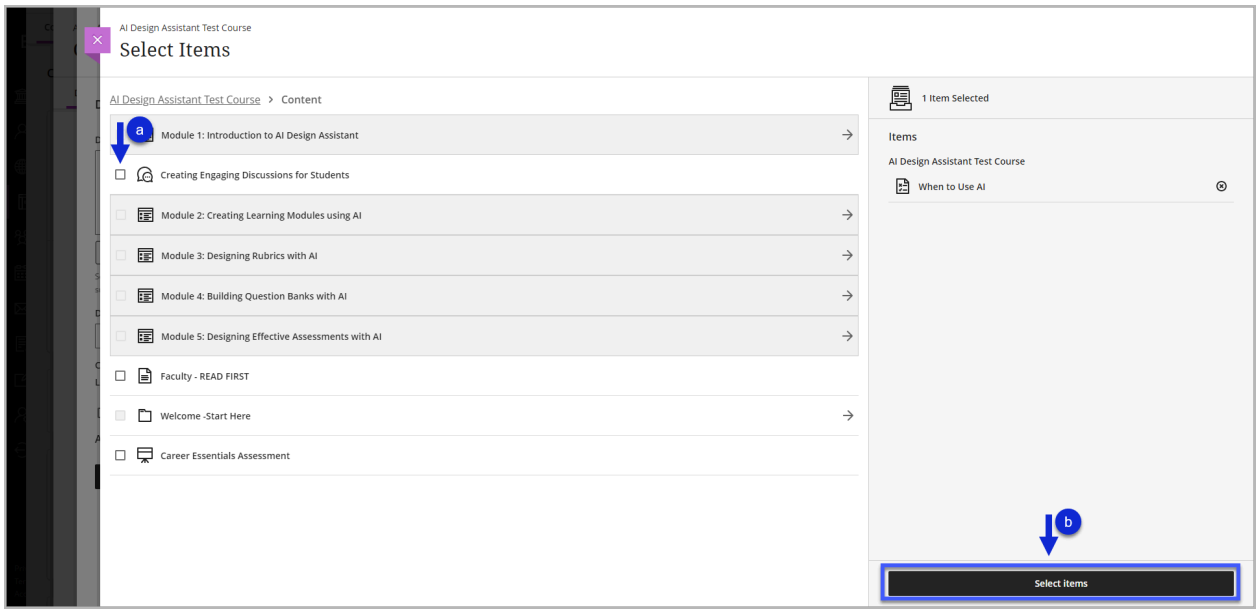
3. A New Discussion page will appear where you can add a title and then click the Auto-generate button



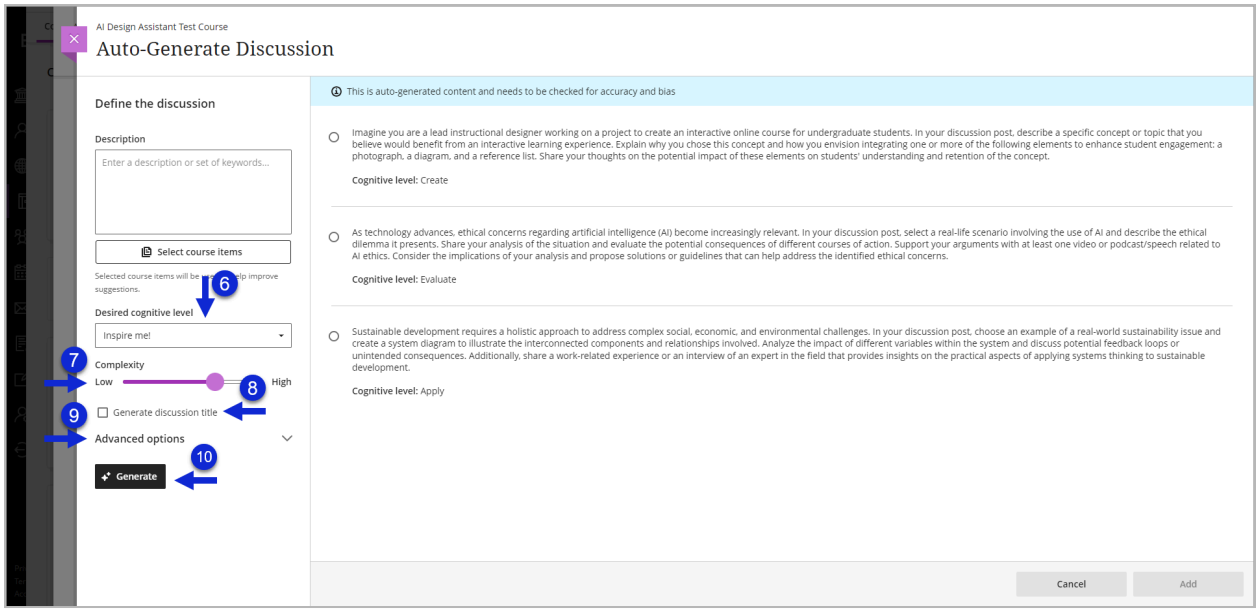
4. Upon arriving at the Auto-Generate Discussion panel, enter a description or set of keywords in the *Description* field.
5. Click the *Select course items* button for choosing course content to provide more context to the discussion



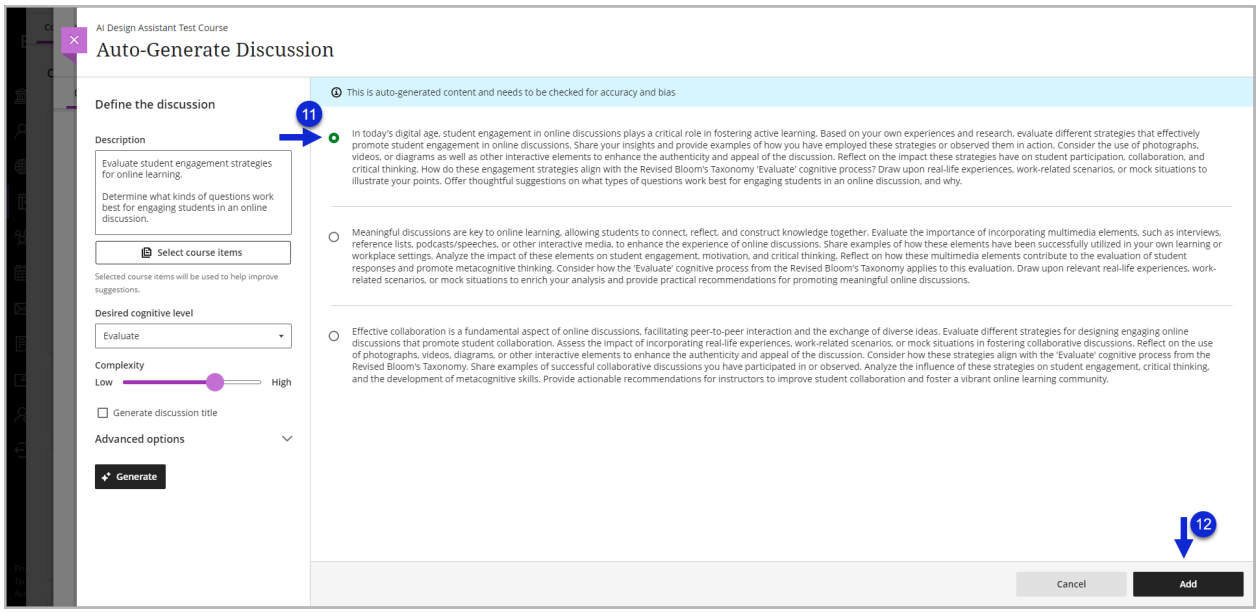
a. Click the checkboxes for any selections that are made.
b. Then click the *Select items* button to return to the Auto-Generate Discussion panel.



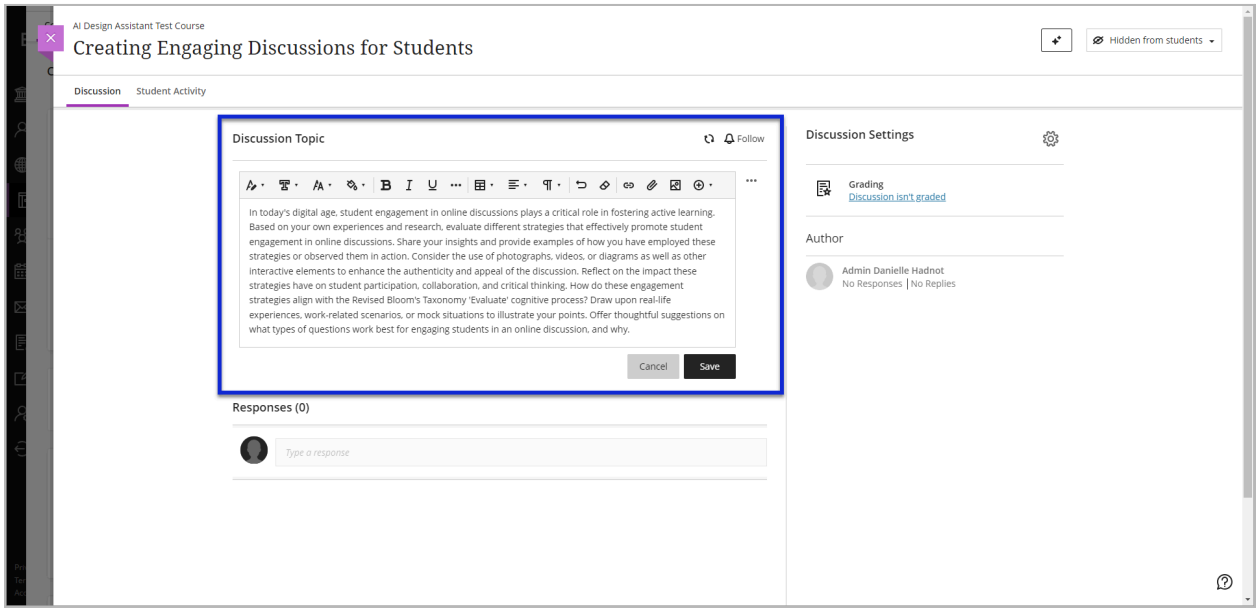
6. Click the dropdown arrow under *Desired cognitive level* and make a selection
   a. **NOTE: Cognitive levels are based on Bloom's Taxonomy**
7. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
   a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
8. Check the box for *Generate discussion title*, if desired
9. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
10. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



11. Select the desired discussion prompt from the generated results.
12. Click the *Add* button located in the bottom right corner of the panel.



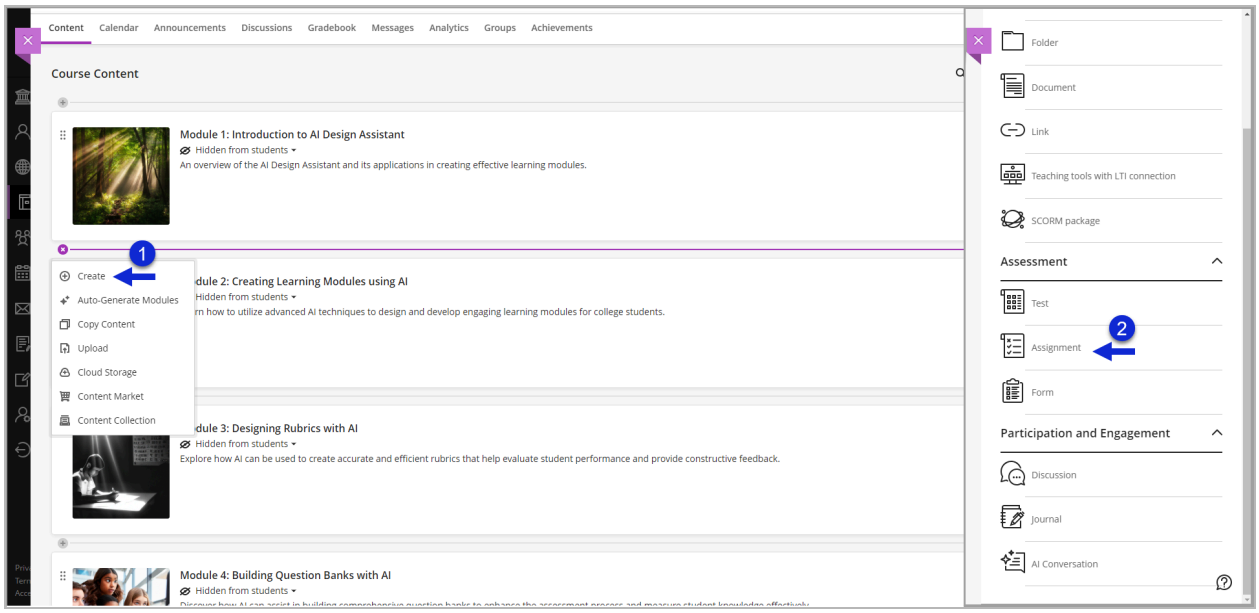
The selected discussion prompt will be displayed on the discussion page under the Discussion Topic section, where it can be modified and saved. Discussion settings can be set as well.



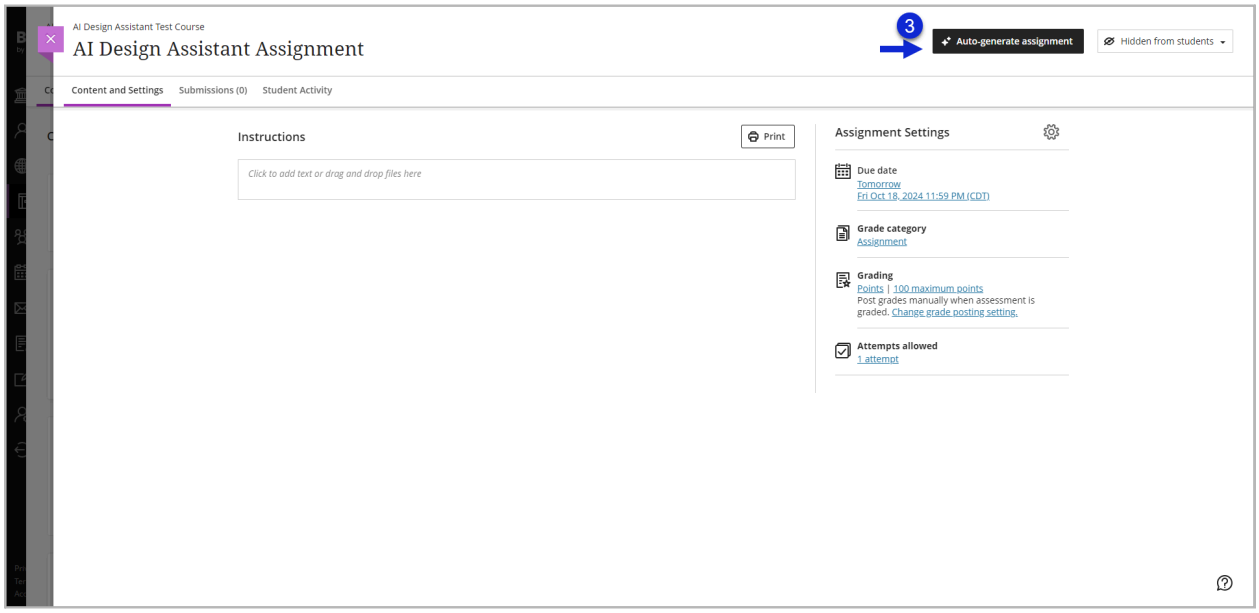
Generating Assignment Prompts

The Auto-Generate Assignment feature creates assignments based on description and cognitive and complexity levels. Instructors can also use the Advanced Options dropdown to select language output. To begin, find and click the ⊕ function on the *Course Content* page and follow the instructions below:

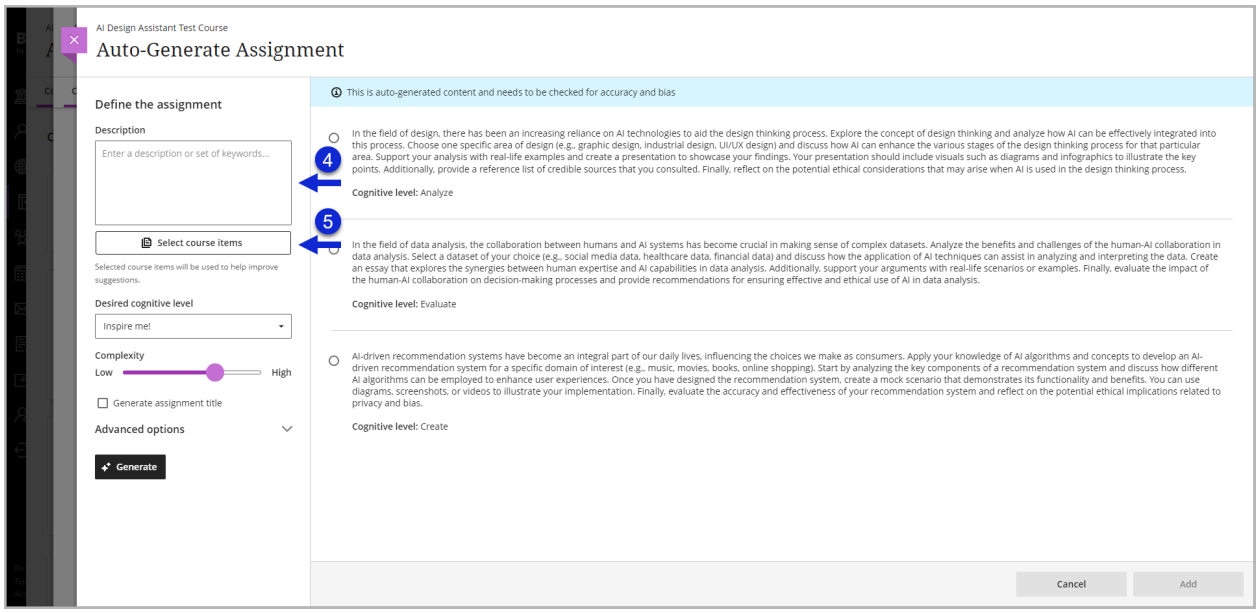
1. Select *Create.*
2. When the Create Item tab populates, select "*Assignment"* under the Assessment section.



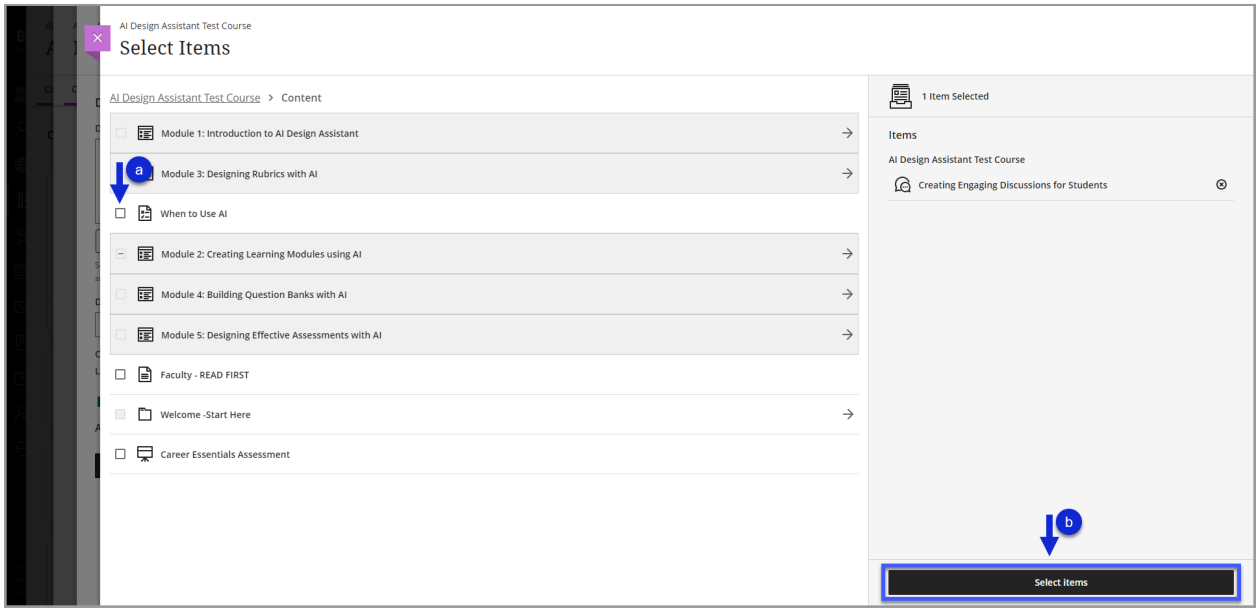
3. A New Assignment page will appear where you can add a title and then click the Auto-generate button.



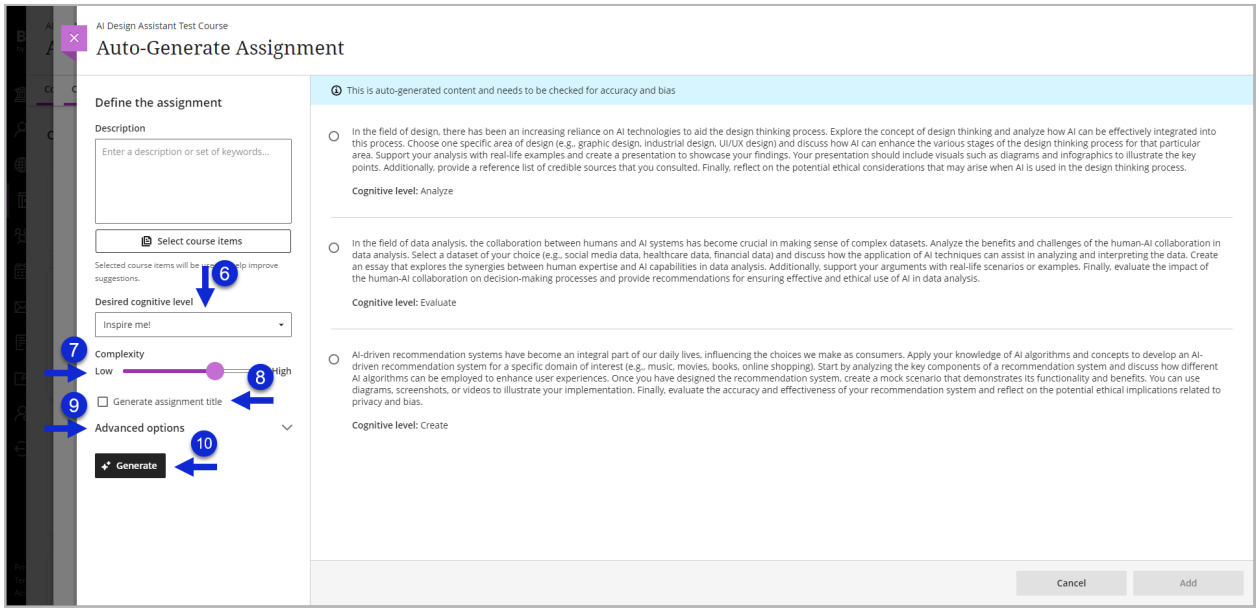
4. Upon arriving at the Auto-Generate Assignment panel, enter a description or set of keywords in the *Description* field.
5. Click the *Select course items* button for choosing course content to provide more context to the discussion



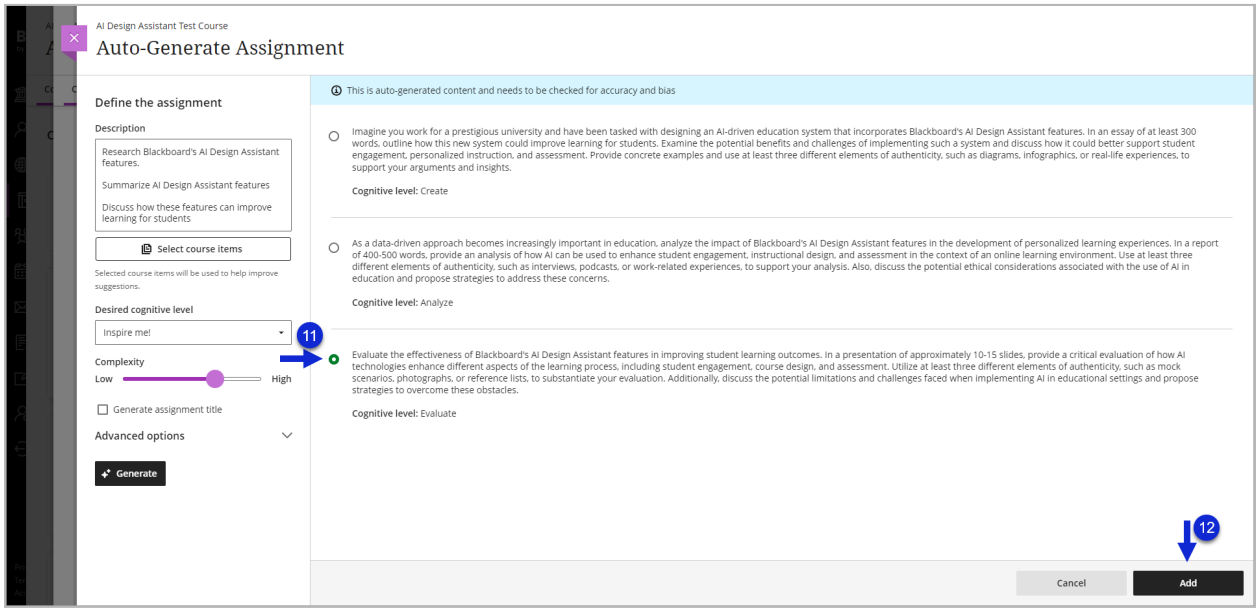
a. Click the checkboxes for any selections that are made.
b. Then click the *Select items* button to return to the Auto-Generate Assignment panel.



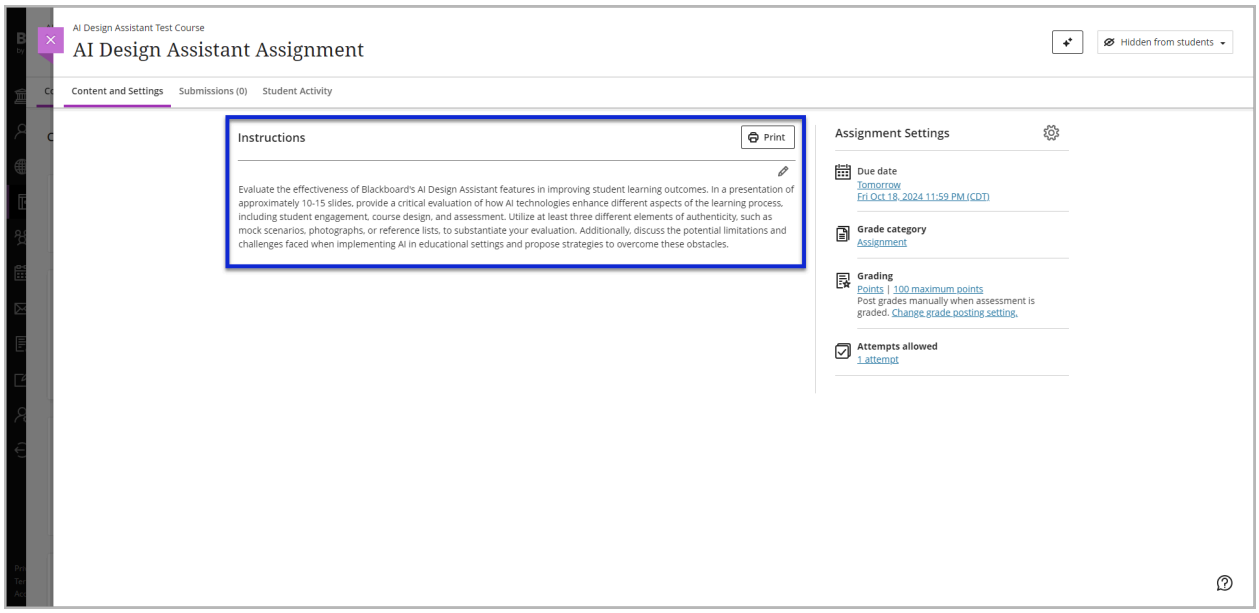
6. Click the dropdown arrow under *Desired cognitive level* and make a selection
    a. **NOTE: Cognitive levels are based on Bloom's Taxonomy**
7. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
    a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
8. Check the box for *Generate assignment title*, if desired.
9. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
10. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



11. Select the desired assignment prompt from the generated results.
12. Click the *Add* button located in the bottom right corner of the panel.



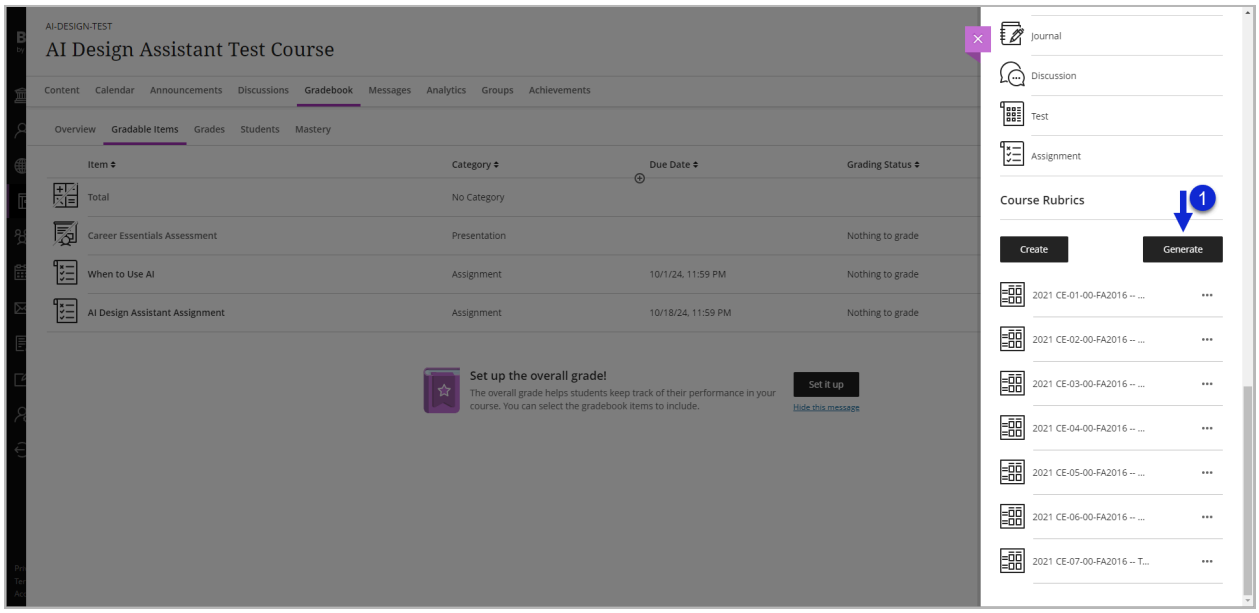
The selected assignment prompt will be displayed on the assignment page under the Instructions section, where it can be modified and saved. Assignment settings can be set as well.



Generating Rubrics

The Generate Rubrics feature creates editable rubrics based on description rubric type and complexity. Instructors can select the amount of rows and columns for the rubric and also use the Advanced Options dropdown to select language output. To begin, find and click the ⚙ function on the *Gradebook* page and follow the instructions below:

1. Scroll down to *Course Rubrics* on the Gradebook Settings panel and click the *Generate* button.



2. Upon arriving at the Generate Rubric panel, enter a description, learning objectives, or set of keywords in the *Description* field.
3. Click the dropdown arrow under *Rubric Type* and make a selection.
4. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.

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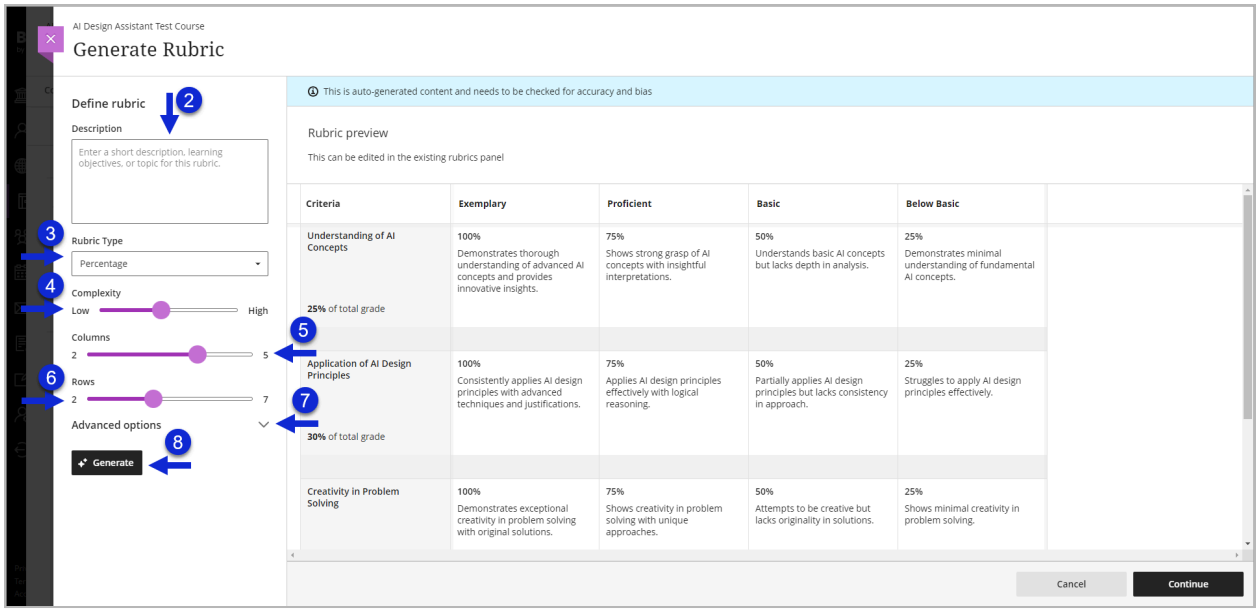
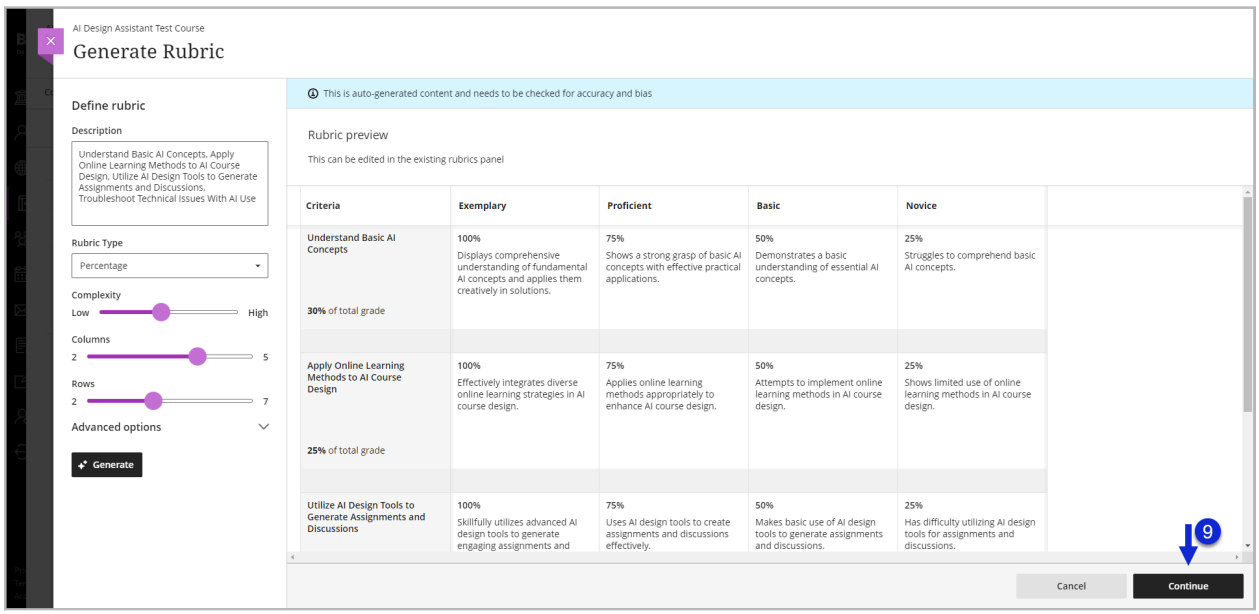
a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***

5. Click and drag the purple circle under *Columns* to change the number of columns on the rubric.
6. Click and drag the purple circle under *Rows* to change the number of columns on the rubric.
7. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
8. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



9. Once satisfied with the rubric settings, click the *Continue* button.



10. After the generated rubric appears, edits can be made, starting with changing the title.
11. Click the dropdown to change the Rubric Type, as needed.
12. Hover over and click the or icons to edit or remove Criteria information, as needed.
13. Hover over the lines in between columns and rows to add more of each, as needed.
14. When all edits have been made, click the *Save* button.

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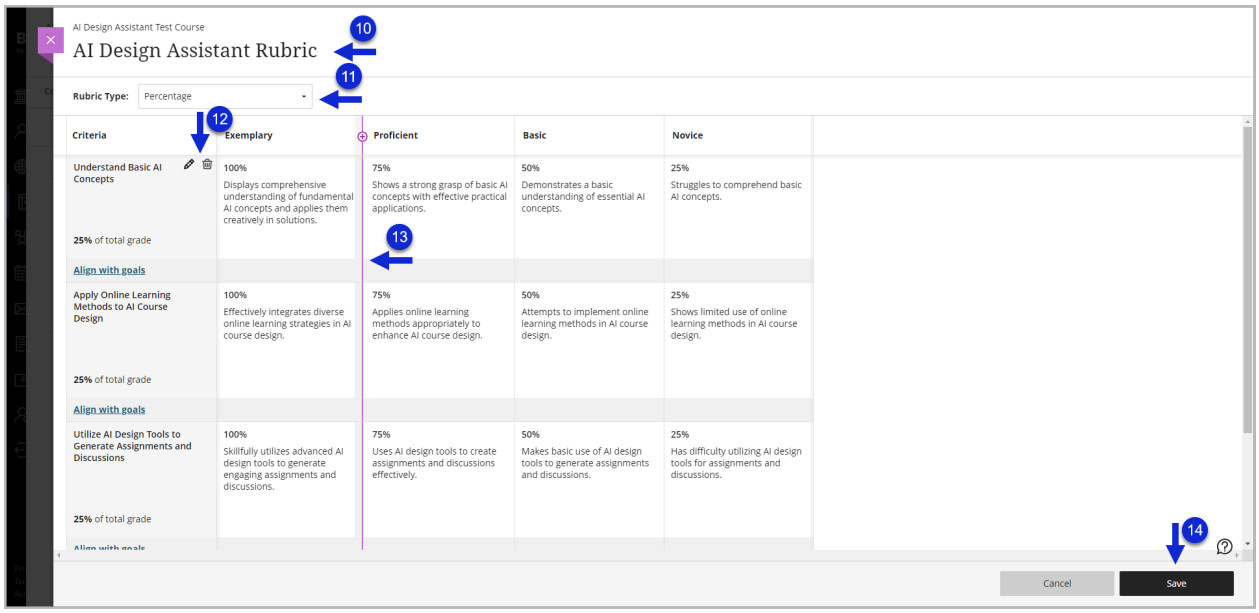
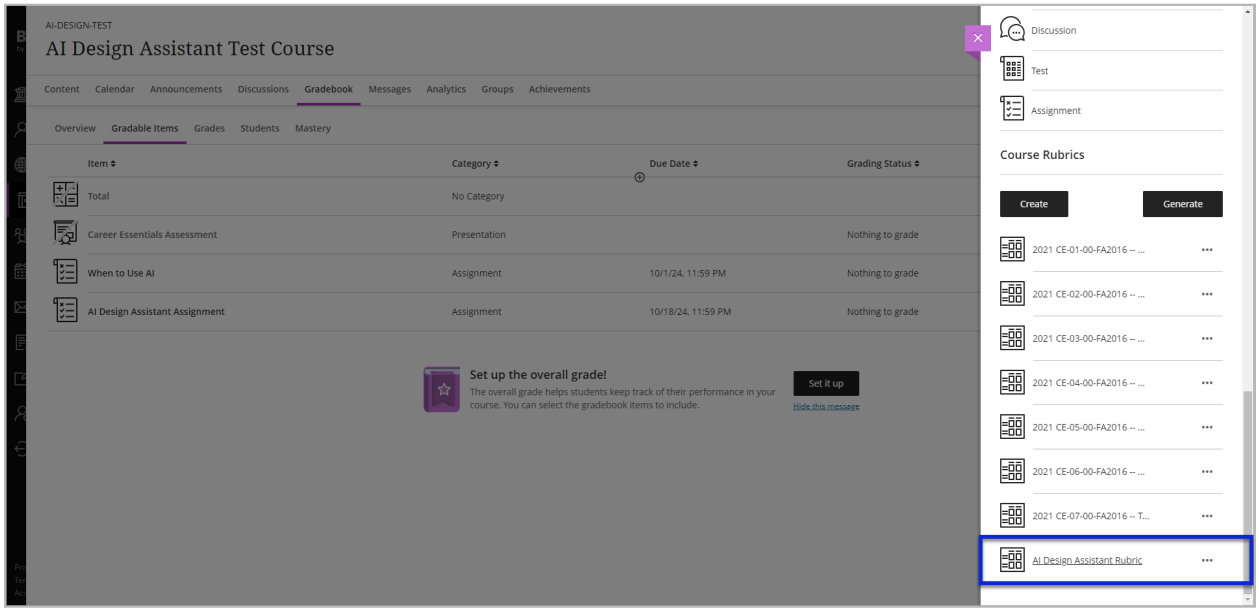


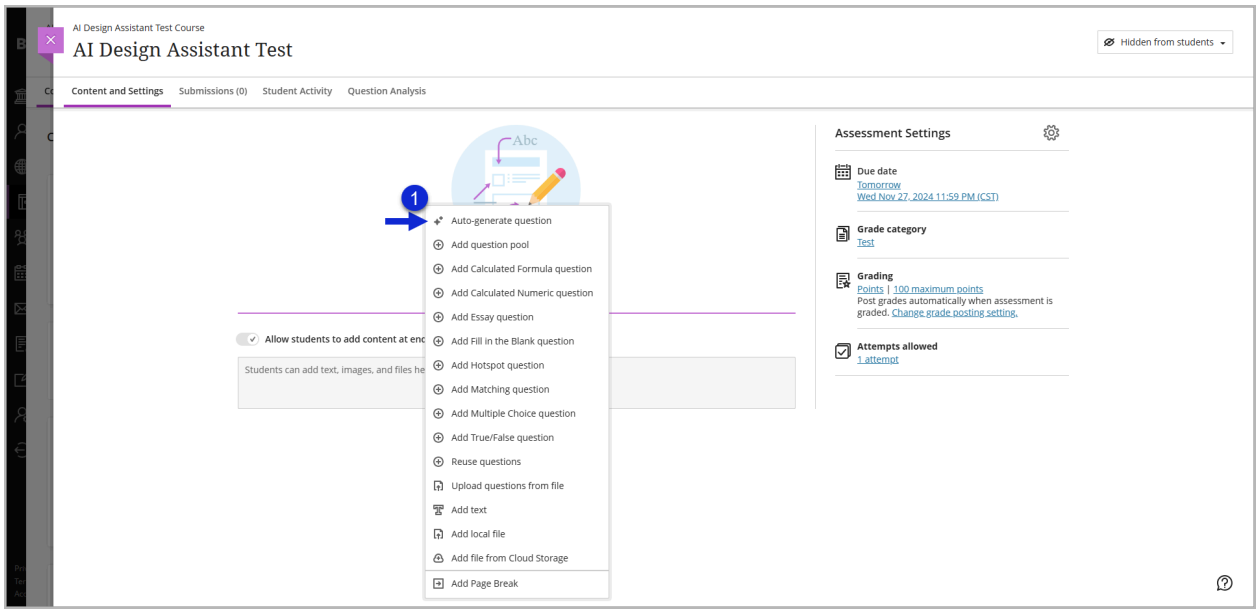
15. The finished rubric can now be found in the *Course Rubrics* section of the Gradebook Settings panel and is ready for use.



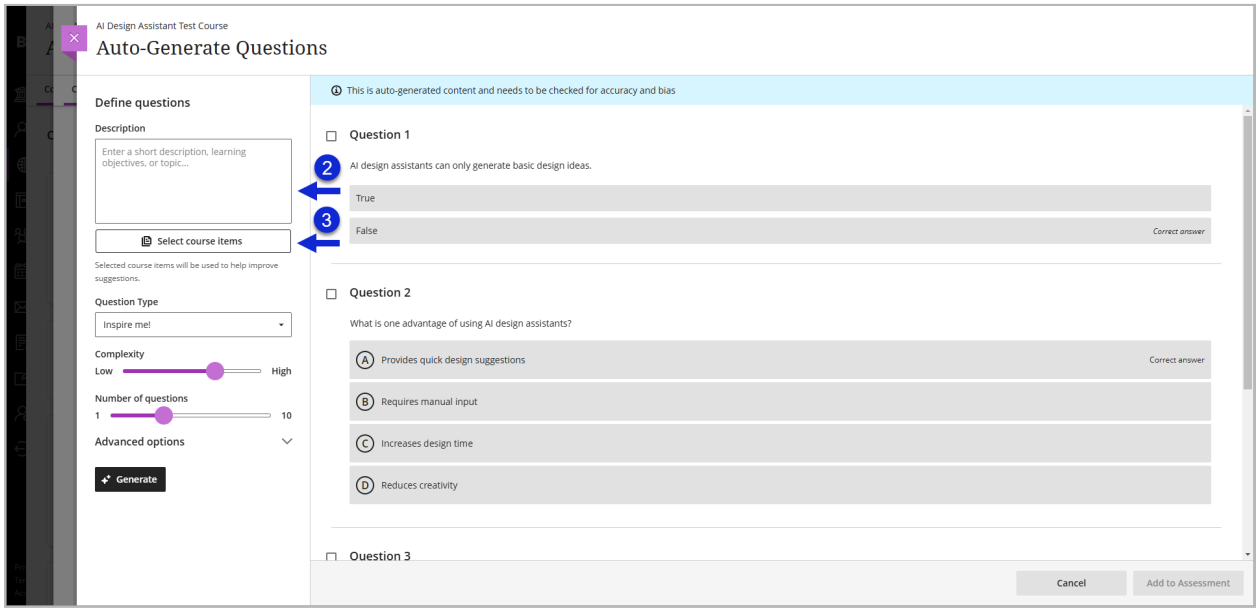
Generating Test Questions

The Auto-Generate Question feature creates questions based on description and complexity levels. Instructors can also use the Select Course Items feature to help improve test question suggestions and the Advanced Options dropdown to select language output. To begin, find and click the ⊕ function on a Test or Assignment page and follow the instructions below:

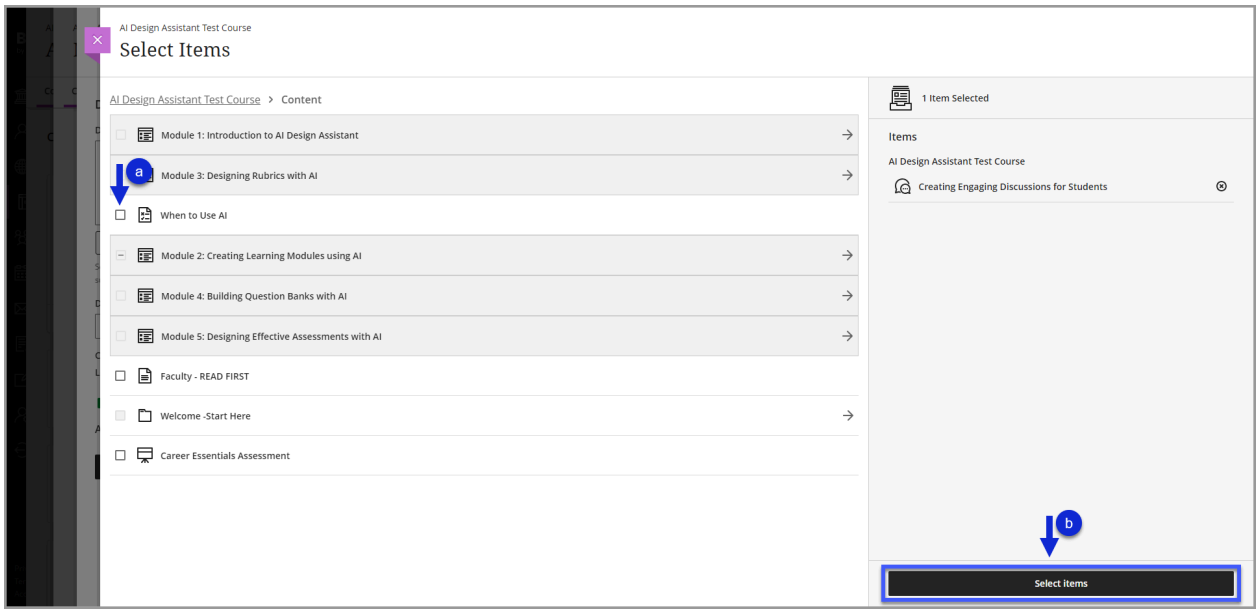
1. Select *Auto-generate question.*



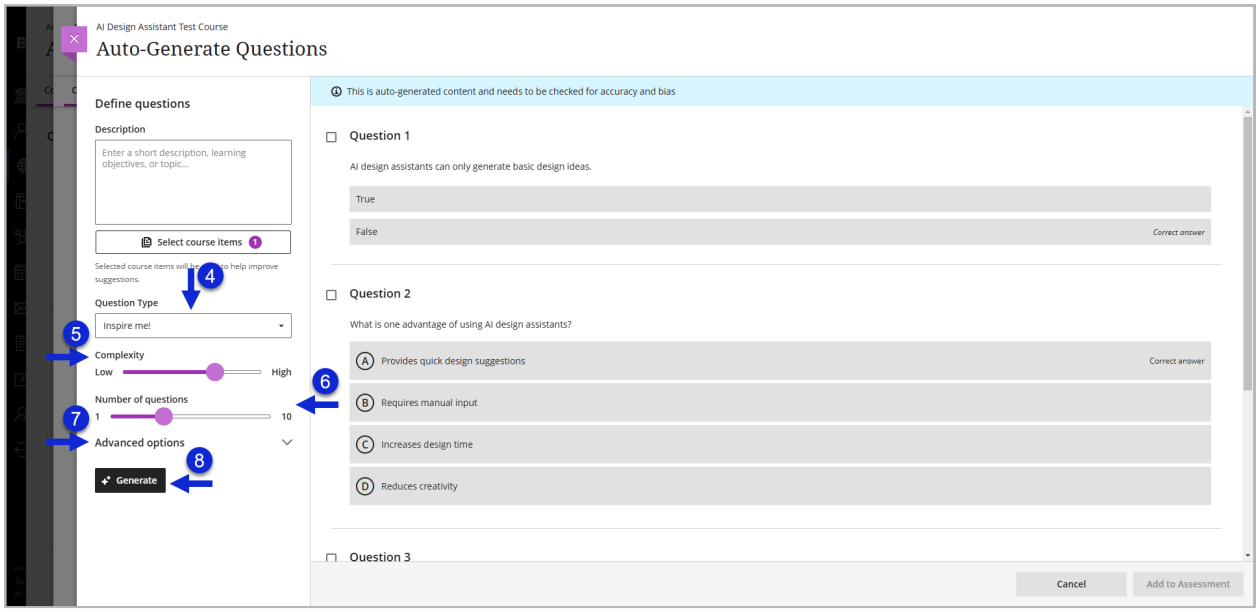
2. The Auto-Generate Questions panel will appear where you can enter a description, learning objectives or a topic in the *Description* field.
3. Click the *Select course items* button for choosing course content to improve suggestions.



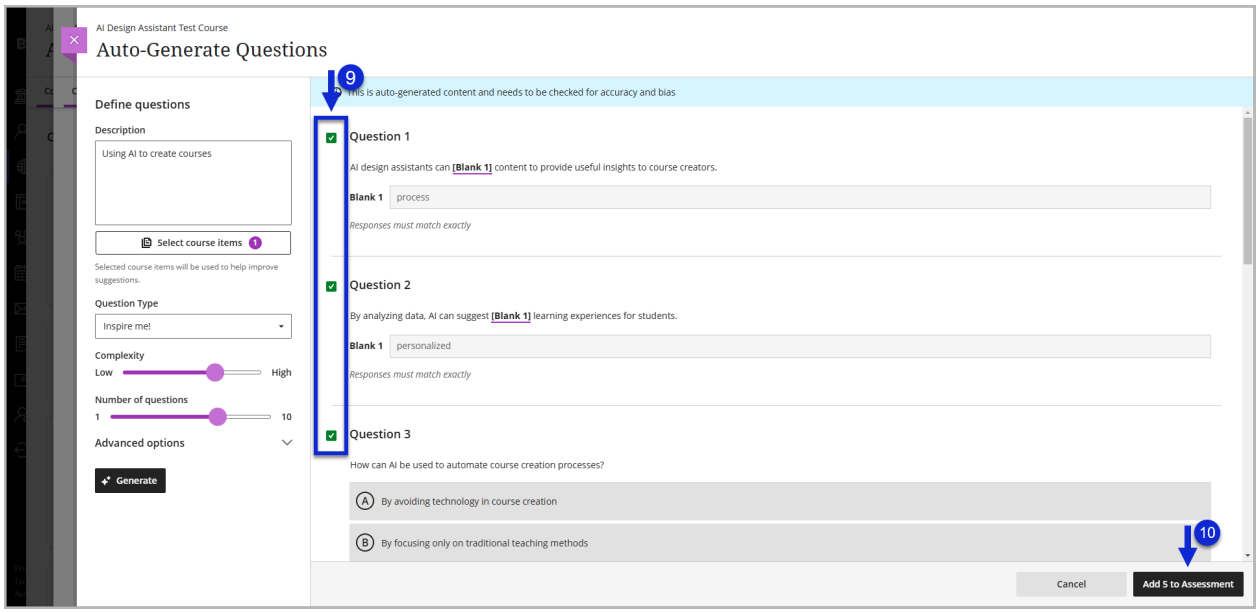
   a. Click the checkboxes for any selections that are made.
   b. Then click the *Select items* button to return to the Auto-Generate Questions panel.



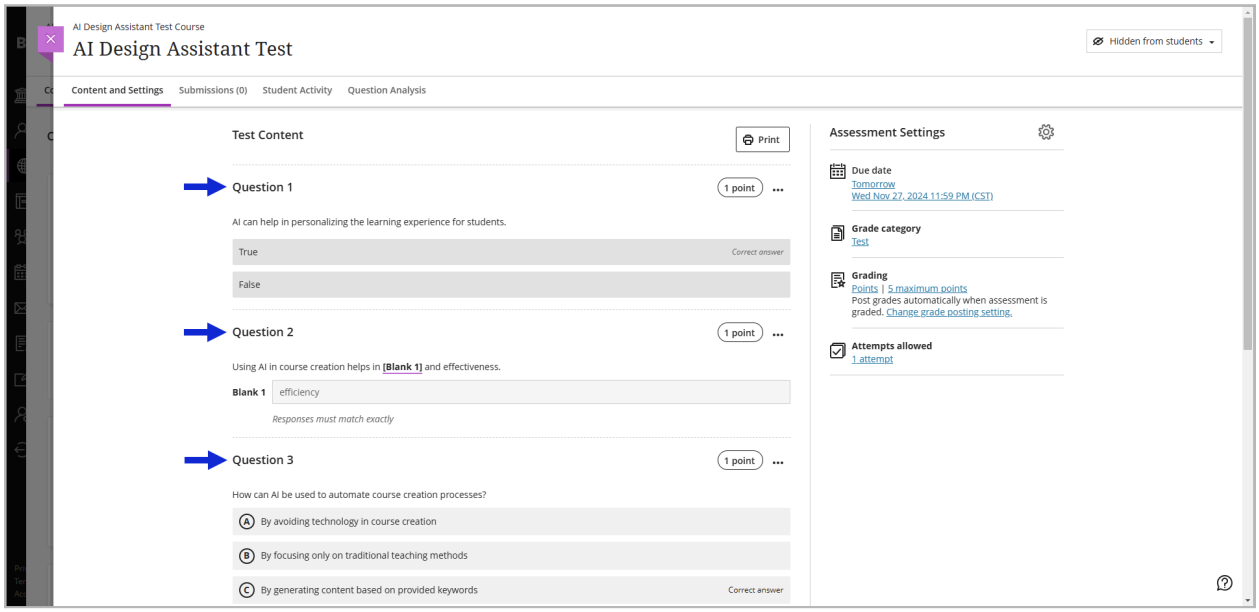
4. Click the dropdown arrow under *Question Type* and choose from the selection.
5. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
   a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
6. Click and drag the purple circle under *Number of questions* and make a selection.
7. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
8. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



9. Select the desired questions from the generated results by clicking the checkboxes.
10. Click the *Add # to Assessment* button located in the bottom right corner of the panel.



The selected questions will be displayed on the Test or Assignment page, where each can be modified and saved. Assessment settings can be set as well.

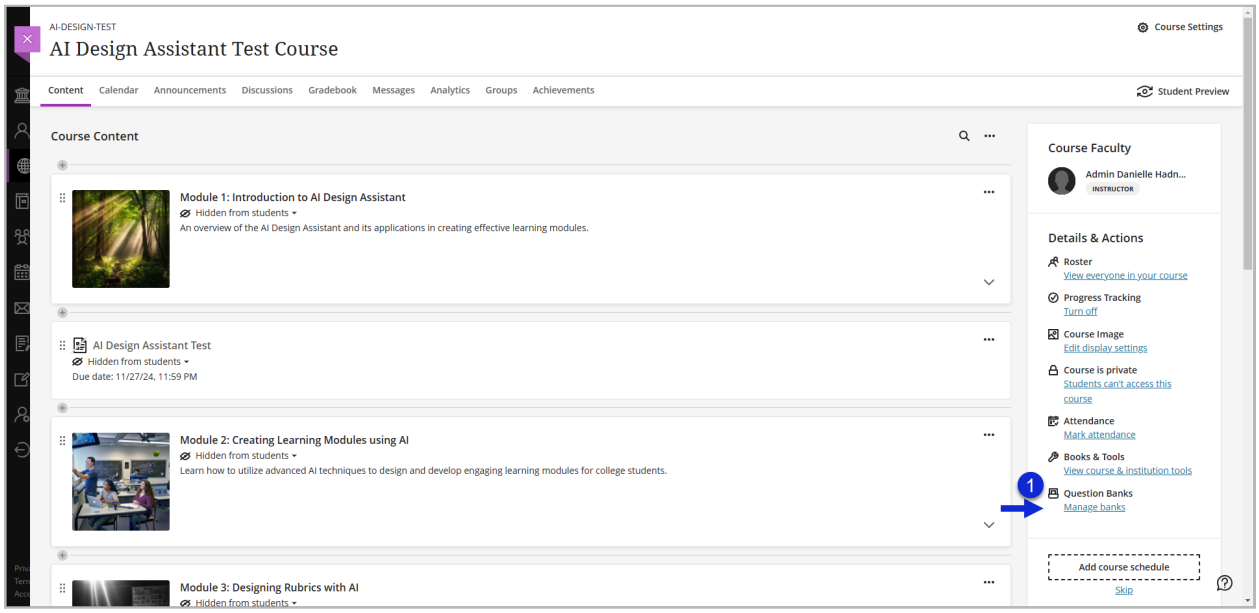


Updated 10/25/2024

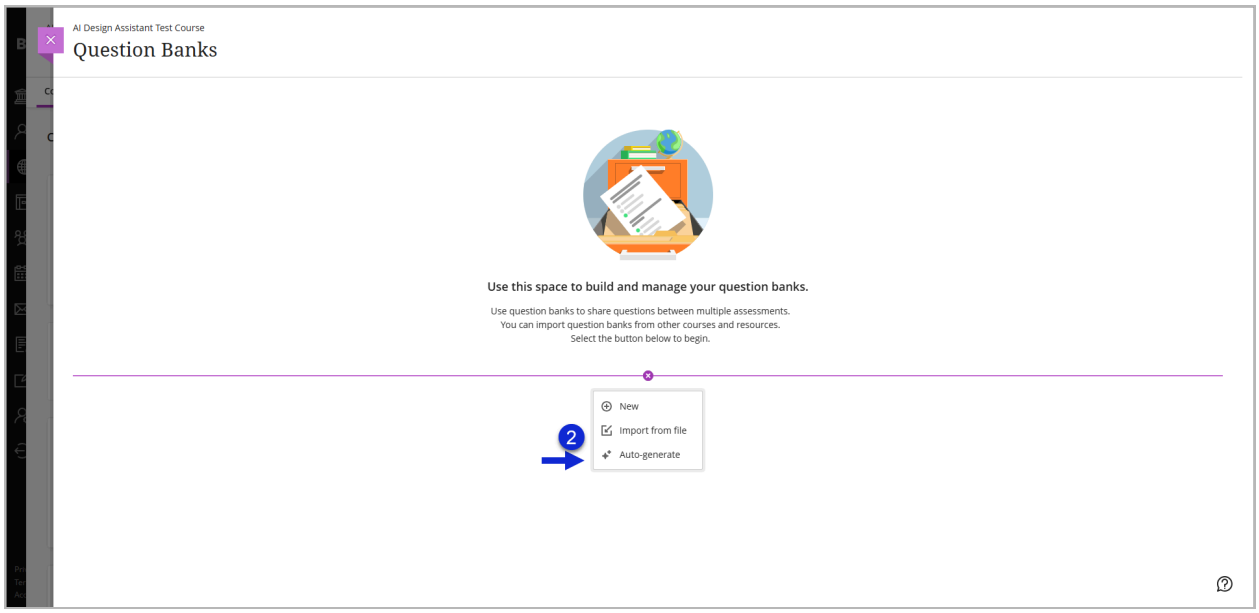
Generating Question Banks

The Auto-Generate Question Bank feature creates a database of questions that can be reused in multiple assessments based on description, complexity levels. Instructors can also use the Select Course Items feature to help improve question bank suggestions and the Advanced Options dropdown to select language output. To begin, follow the instructions below:

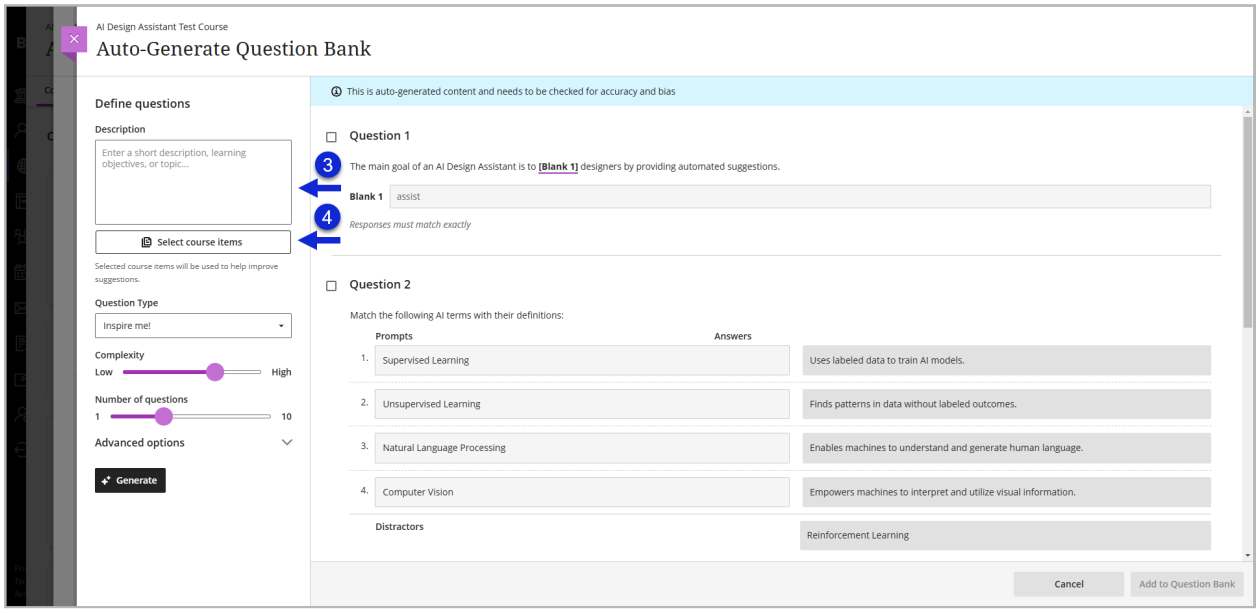
1. Click the "*Manage banks*" link under the Question Banks section of the Details & Actions panel.



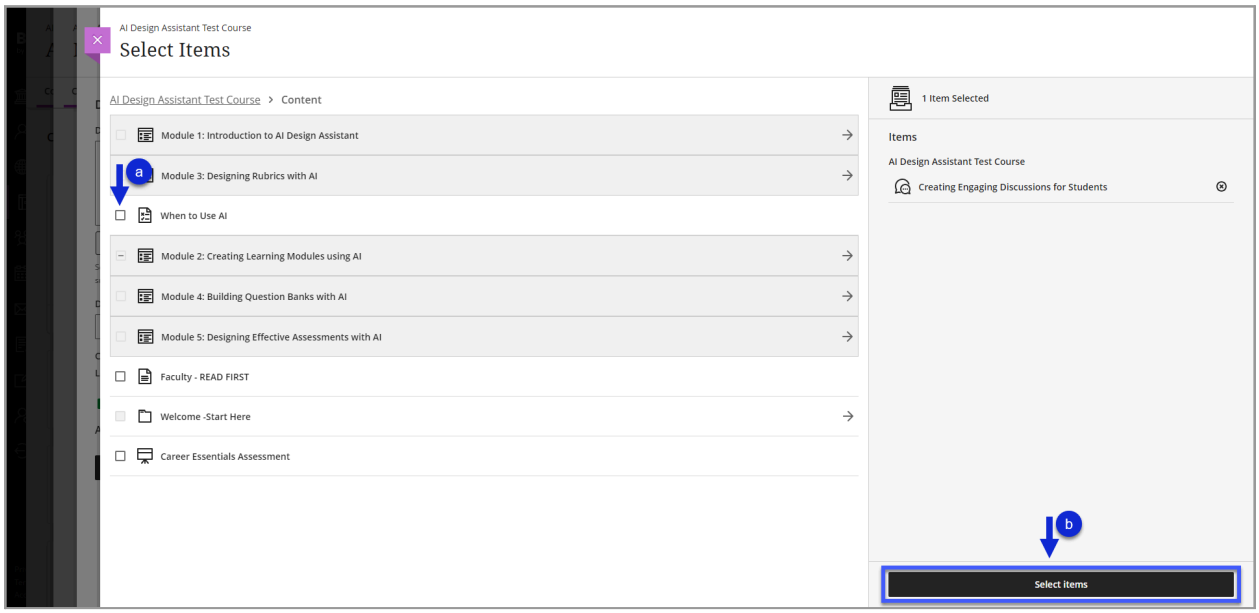
2. A Question Banks page will appear where you can click the ⊕ icon and select "*Auto-generate*".



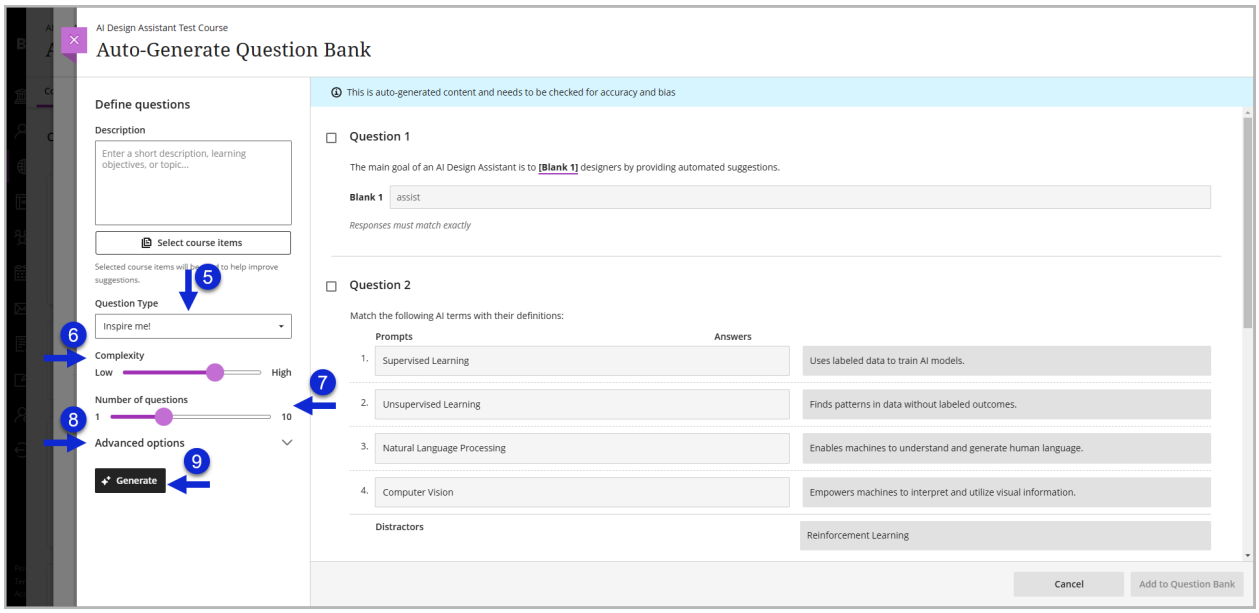
3. Upon arriving at the Auto-Generate Question Bank panel, enter a description, learning objectives or a topic in the *Description* field.
4. Click the *Select course items* button for choosing course content to improve suggestions.



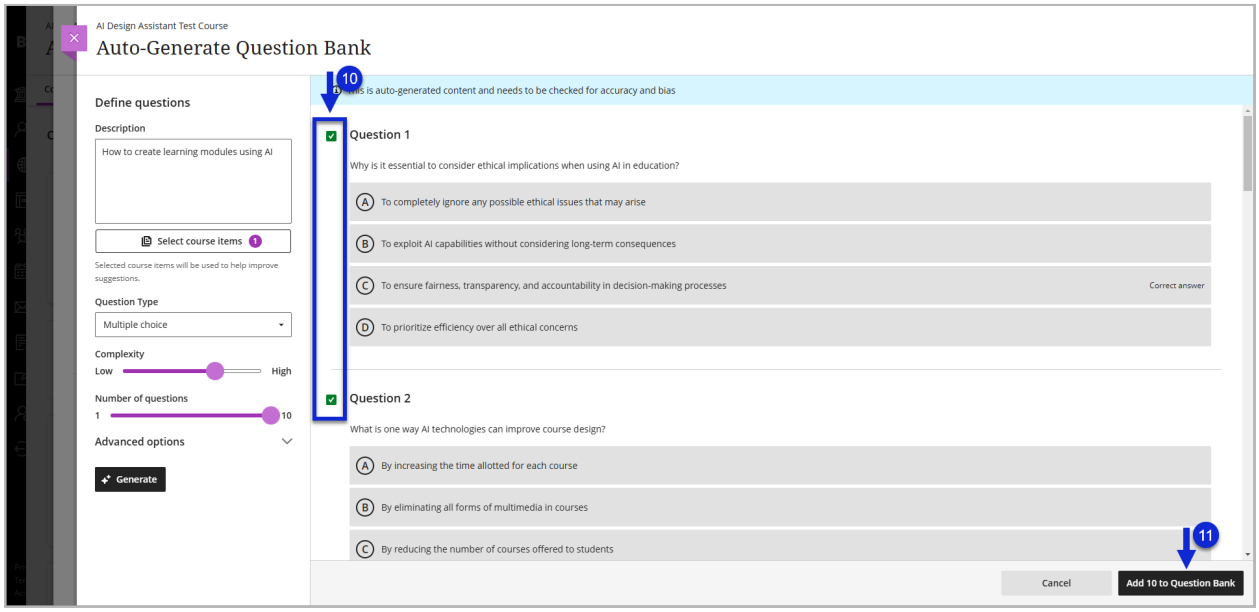
a. Click the checkboxes for any selections that are made.
b. Then click the *Select items* button to return to the Auto-Generate Questions panel.



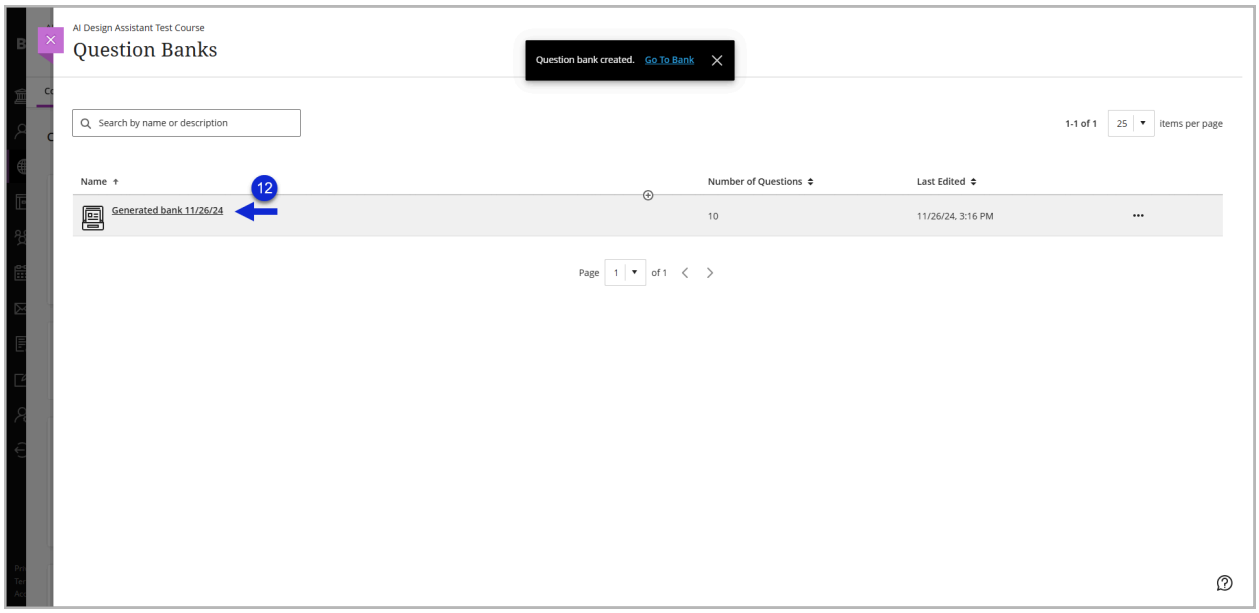
5. Click the dropdown arrow under *Question Type* and choose from the selection.
6. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
   a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
7. Click and drag the purple circle under *Number of questions* and make a selection.
8. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
9. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



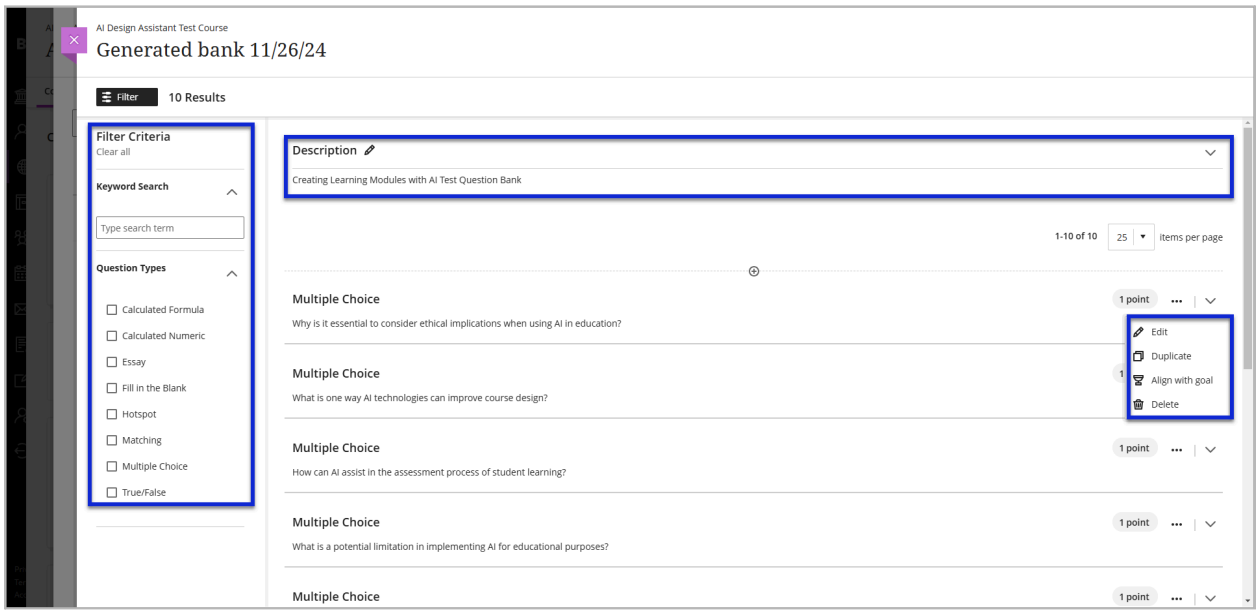
10. Select the desired questions from the generated results by clicking the checkboxes.
11. Click the *Add # to Question Bank* button located in the bottom right corner of the panel.



12. The Question Bank will populate on the Question Banks page titled as *"Generated bank mm/dd/yy".* Click the Question link to view.



From here questions can be modified and saved, deleted, duplicated, or searched using filtering criteria. Additional questions and a question bank description can be added as well.

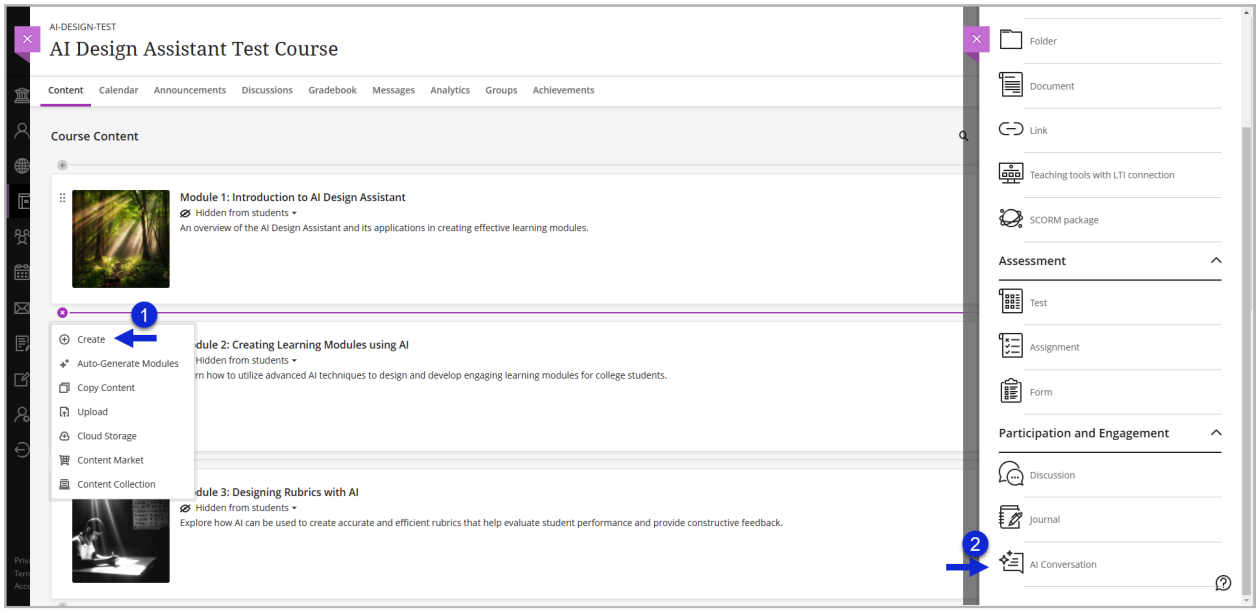


Updated 10/25/2024

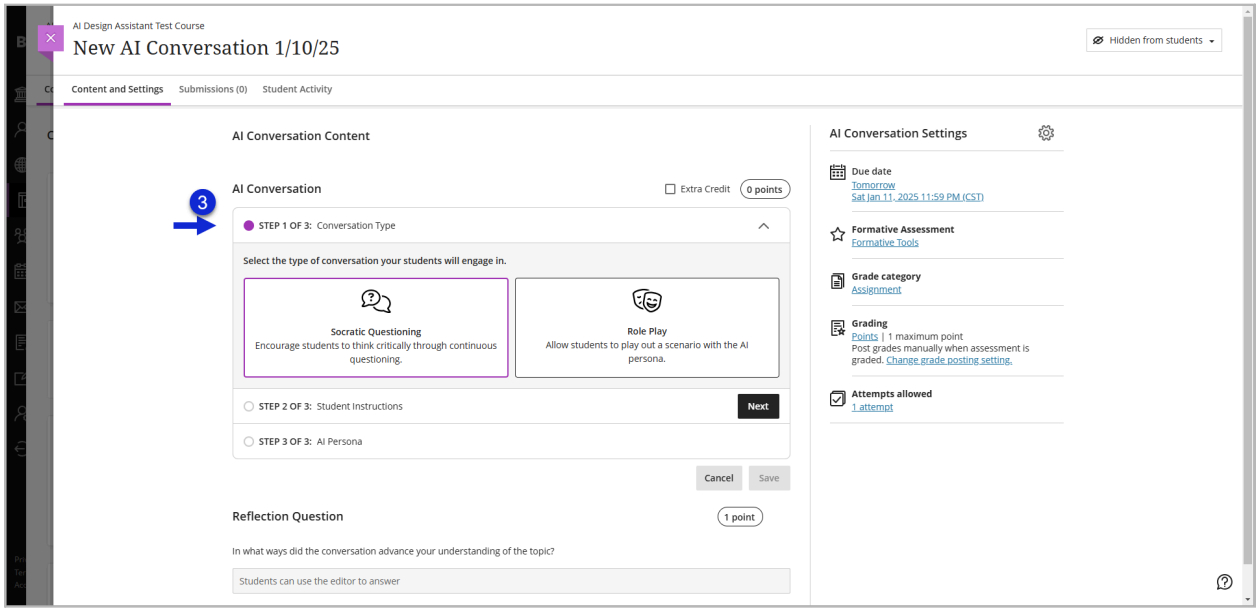
Generating AI Conversations

AI Conversation is a new assessment feature for creating Socratic questioning and role play exercises. Instructors can set up an AI conversation using either question type to allow students to reflect on their own thoughts or role play through a scenario based on the course content. To begin, find and click the ⊕ function on the *Course Content* page and follow the instructions below:

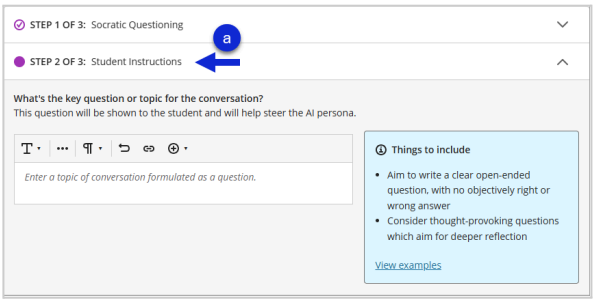
1. Select *Create.*
2. When the Create Item panel populates, select *"AI Conversation"* under the Participation and Engagement section.

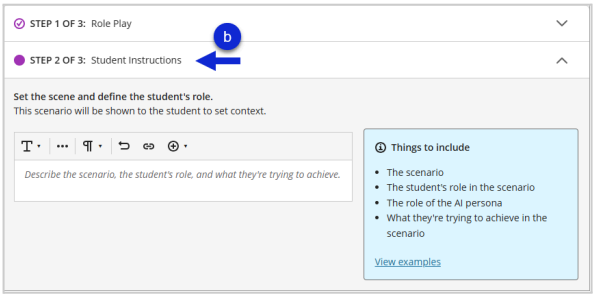


3. On the New AI Conversation page, select from Socratic Questions and Role Play conversation types.

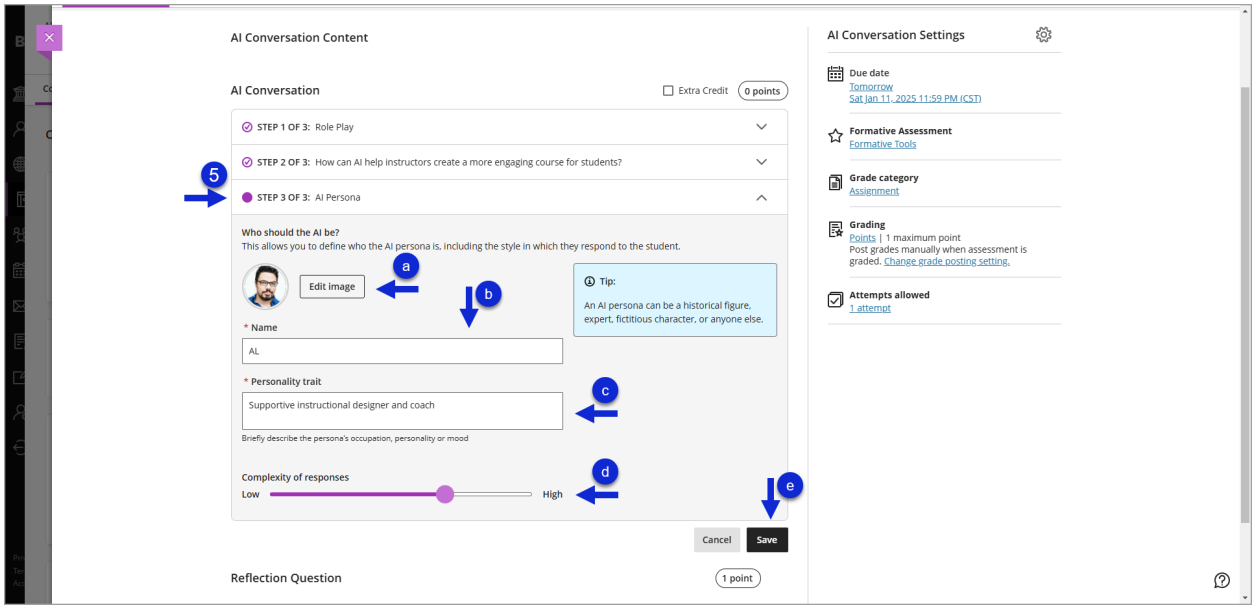


4. Enter Student Instructions in Step 2 of 3
   a. For Socratic Questioning, enter a topic of conversation formulated as a question.
   b. For Role Play, describe a scenario, the student's role, and what they;re trying to achieve.

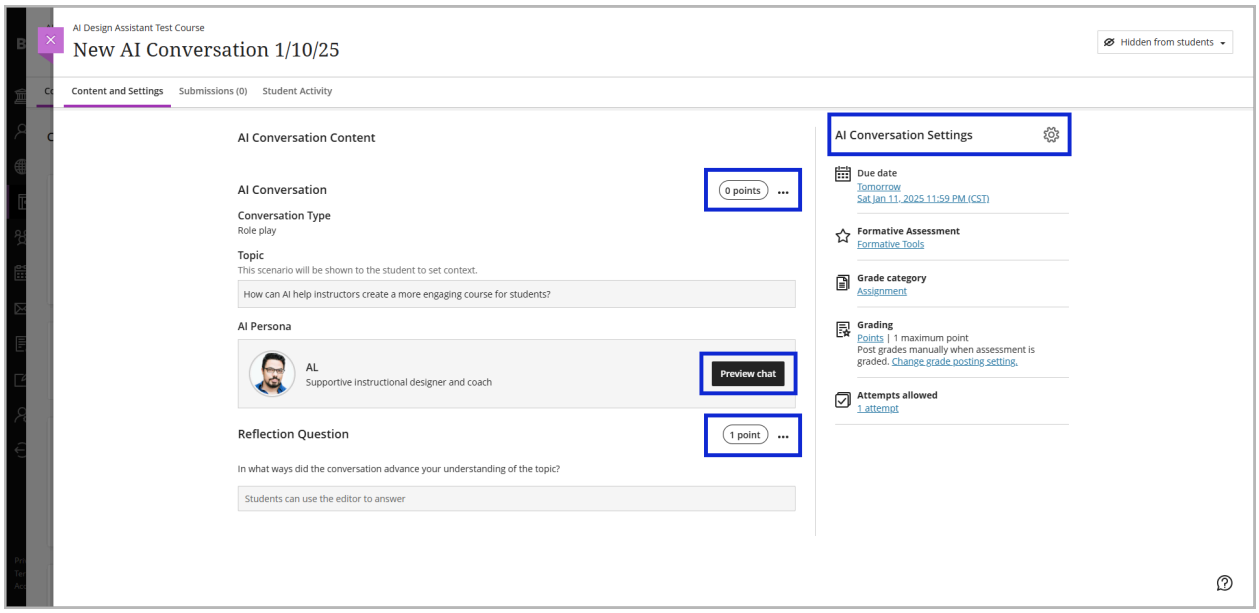




5. Create an AI Persona in Step 3 of 3
   a. Edit the image
   b. Add a name to the *Name* field
   c. Give the persona a personality or mood in the *Personality trait* field
   d. Click and drag the purple circle under *Complexity of responses* to change the reading level to *Low* or *High*.
      i. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
   e. Click the *Save* button



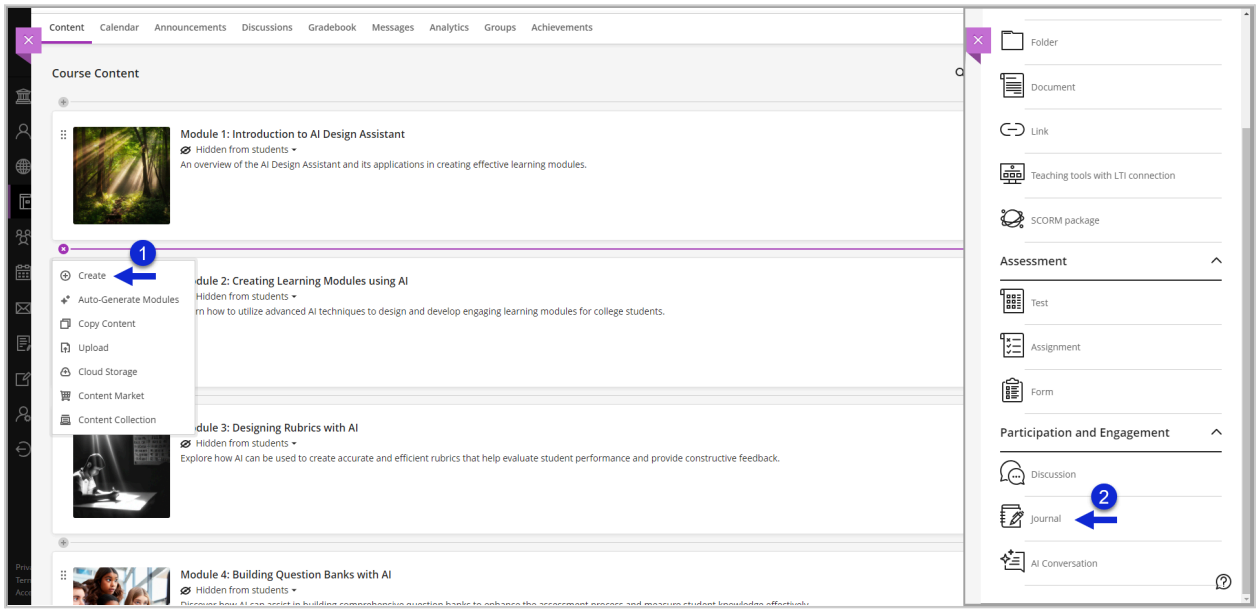
Test out the AI conversation by clicking the *Preview chat* button (press *Reset chat* to remove test responses). Point values can also be assigned and edited for the AI conversation and reflection question. AI Conversation Settings can be set as well.



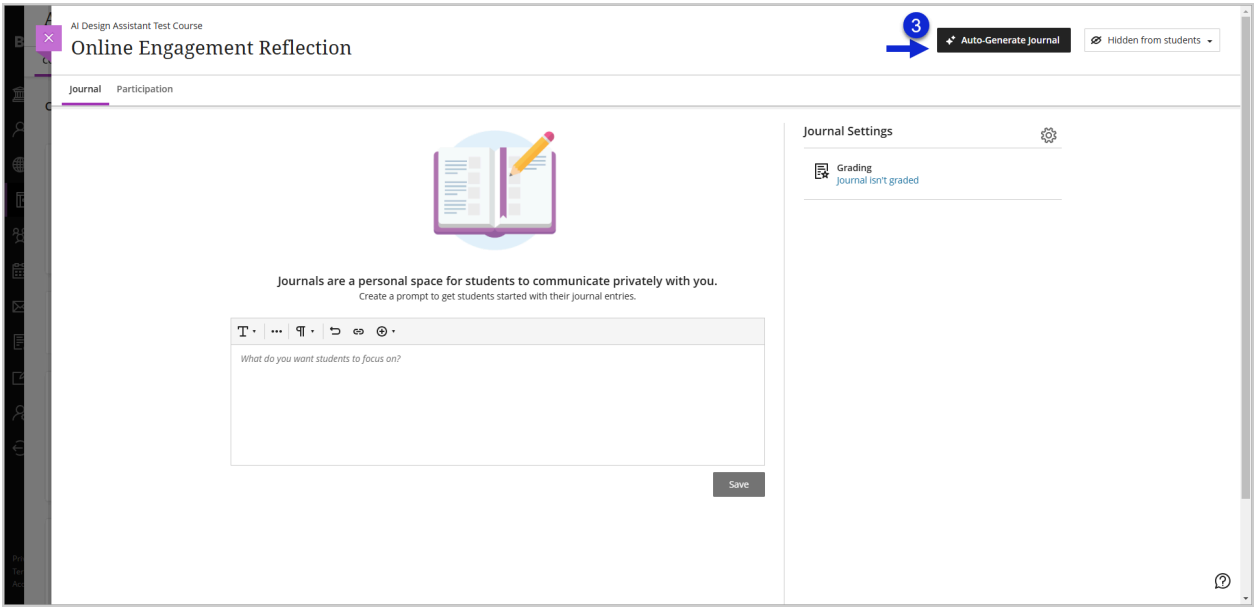
Generating Journal Prompts

The Auto-Generate Journals feature creates journal prompts based on course title and description. Instructors can also change the cognitive and complexity levels, and use the Advanced Options dropdown to select language output. To begin, find and click the ⊕ function on the *Course Content* page and follow the instructions below:

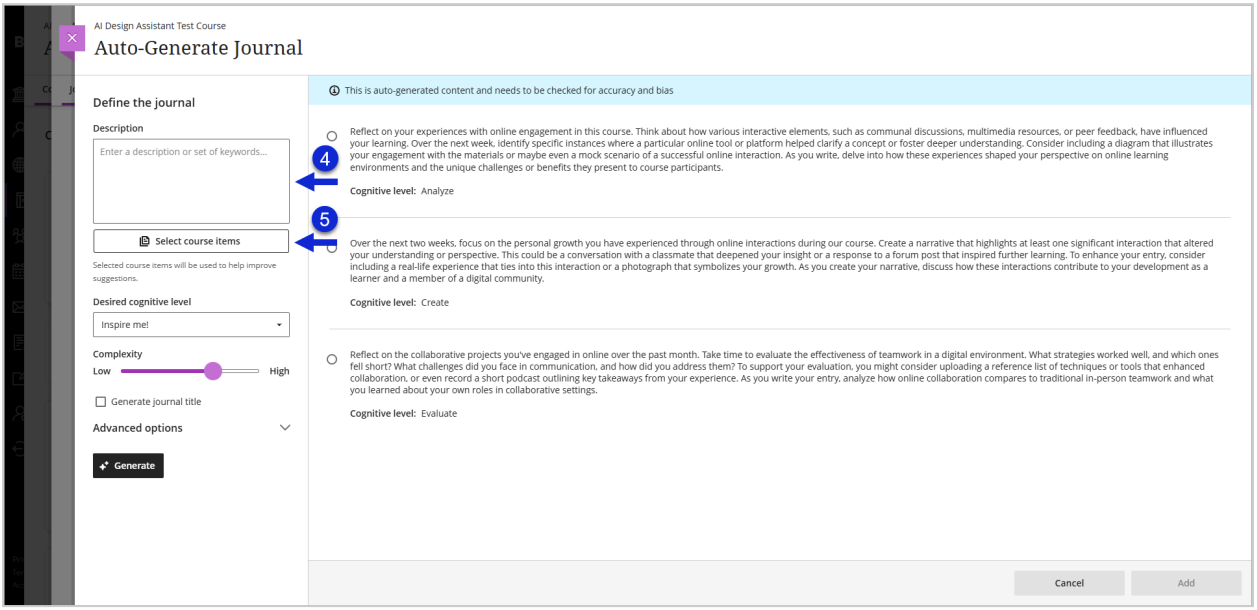
1. Select *Create.*
2. When the Create Item tab populates, select "*Journal"* under the Participation and Engagement section



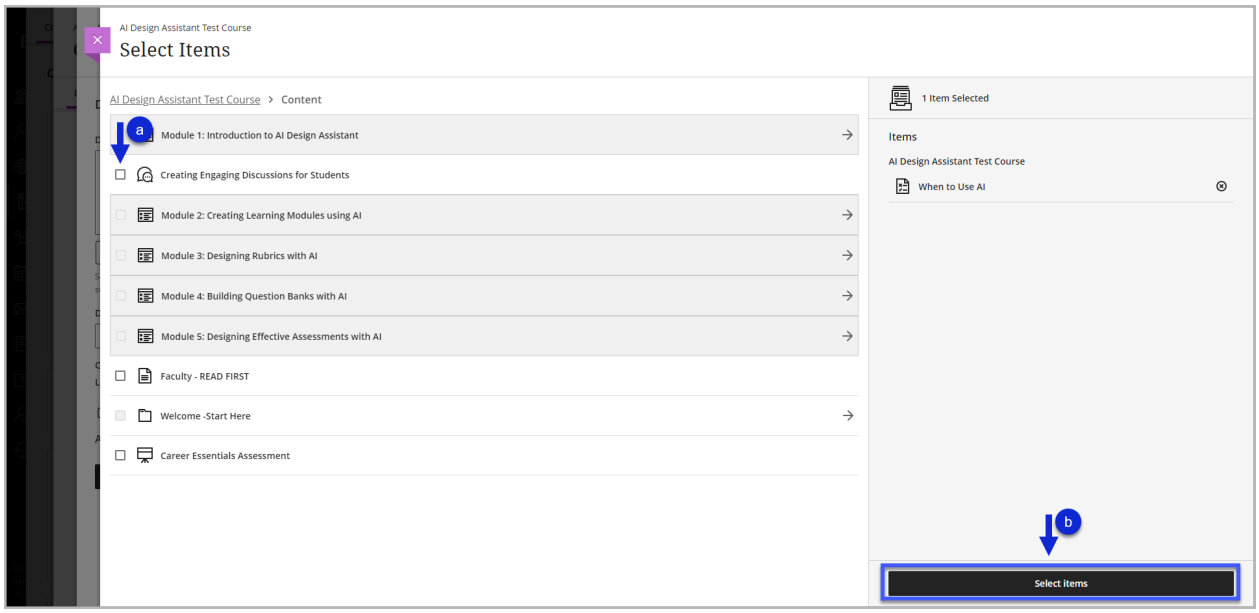
3. A Journal page will appear where you can add a title and then click the Auto-Generate Journal button



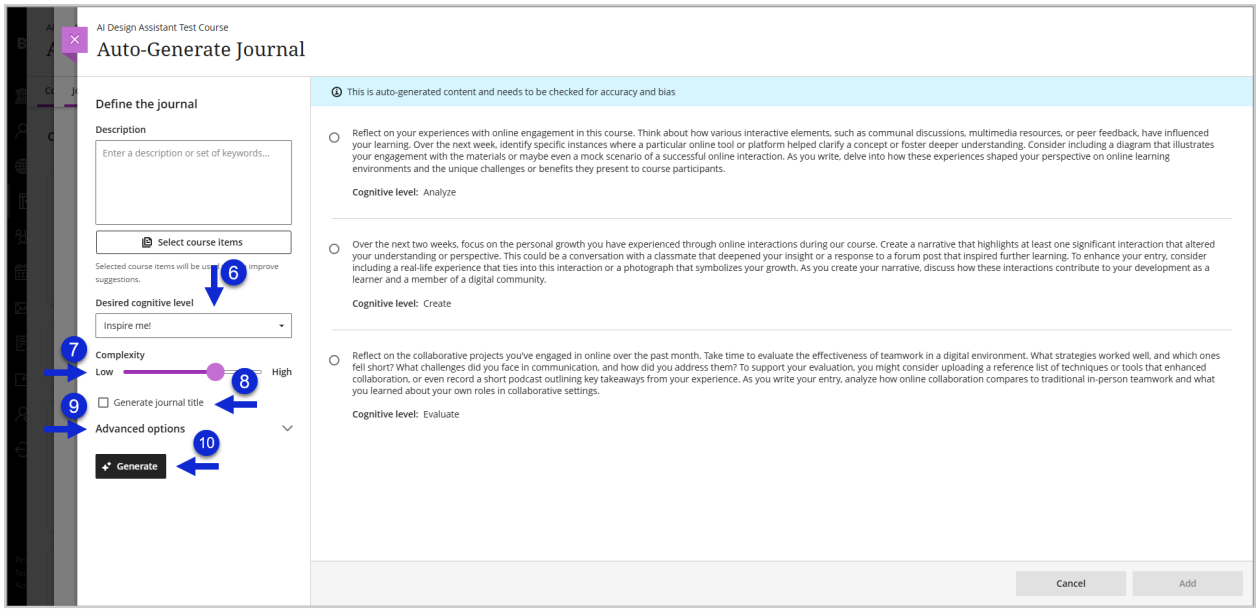
4. Upon arriving at the Auto-Generate Journal panel, enter a description or set of keywords in the *Description* field.
5. Click the *Select course items* button for choosing course content to provide more context to the discussion



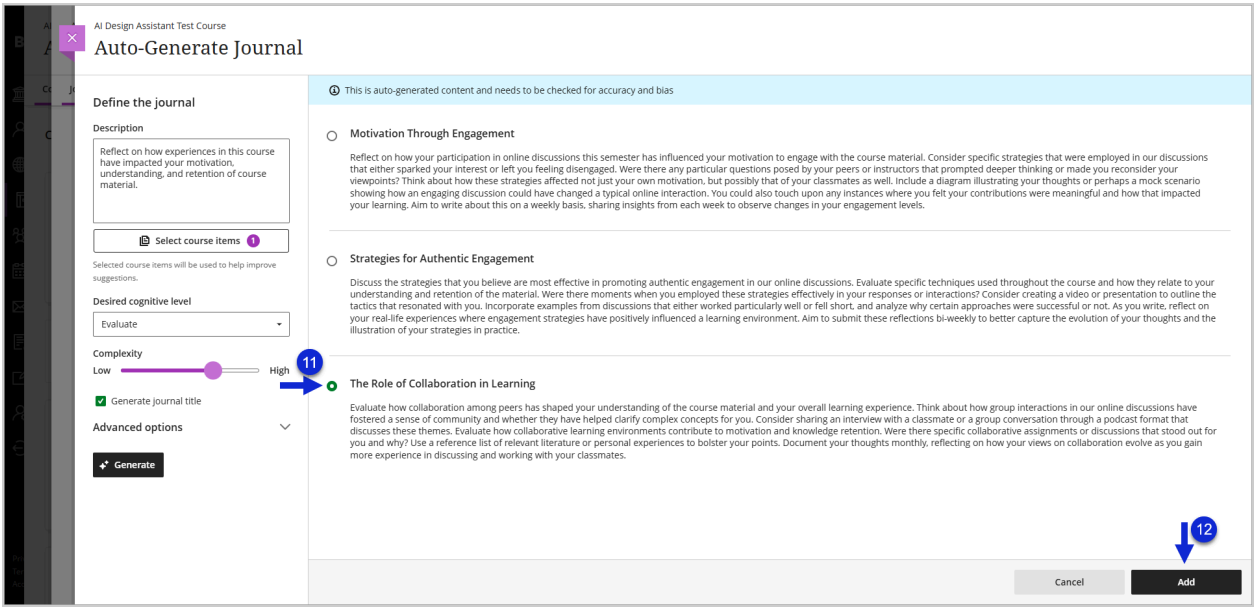
   a. Click the checkboxes for any selections that are made.
   b. Then click the *Select items* button to return to the Auto-Generate Journal panel.



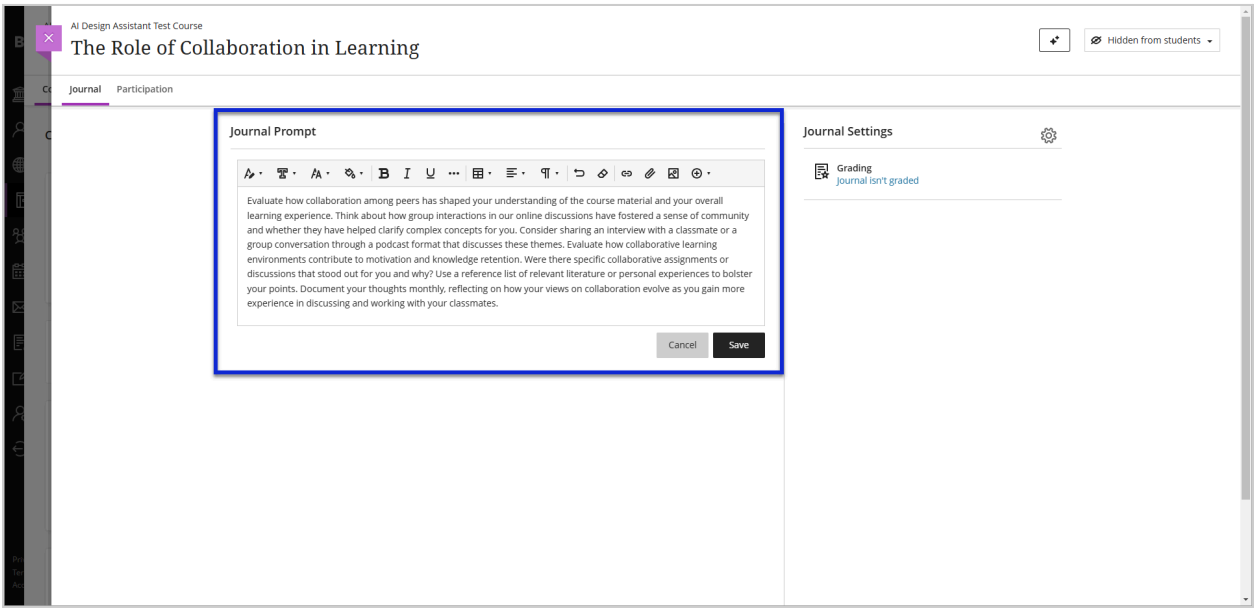
6. Click the dropdown arrow under *Desired cognitive level* and make a selection
   a. **NOTE: Cognitive levels are based on Bloom's Taxonomy**
7. Click and drag the purple circle under *Complexity* to change the reading level of the models to *Low* or *High*.
   a. ***NOTE: The Complexity slider controls the contextual detail and precision in the AI response. See this resource for a detailed explanation. In general, levels 6 through 8 map well to undergraduate studies.***
8. Check the box for *Generate journal title*, if desired
9. Click the dropdown arrow under "Advanced options" to change the *Output language*, as needed.
10. Then click the *Generate* button. The *Generate* button can be pressed multiple times for different results.



13. Select the desired journal prompt from the generated results.
14. Click the *Add* button located in the bottom right corner of the panel.



The selected journal prompt will be displayed on the journal page, where it can be modified and saved. Journal settings can be set as well.



Updated 10/25/2024