

**Blackboard** 

# Exploring the AI Design Assistant



**Anthology** 

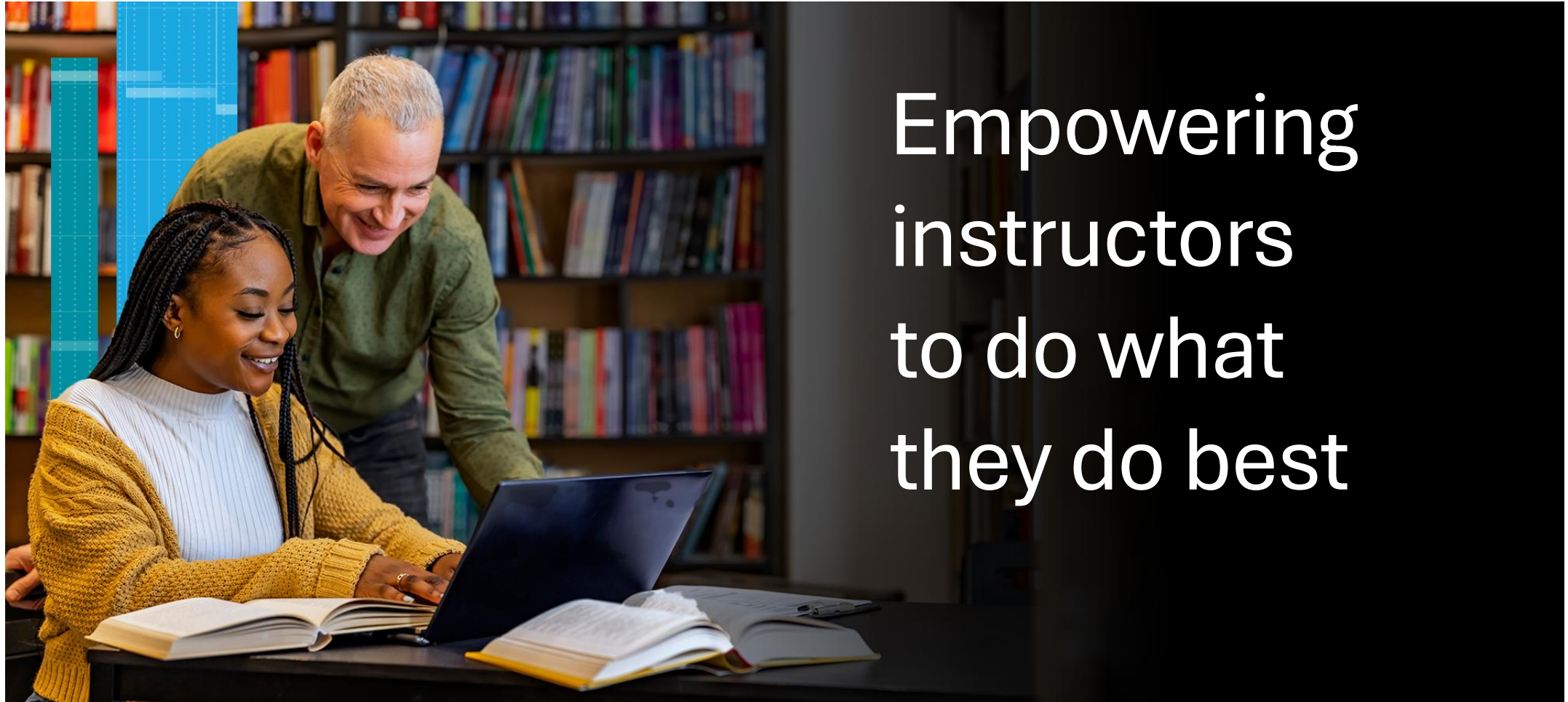
# Agenda

- What is the AI Design Assistant
- Explore Auto-Generated Course Structure
- Add Unsplash Images
- Generate Assignment Ideas
- Develop AI Generated Rubrics
- Evaluate and Adopt AI Test Questions
- Create Discussion and Journal Prompts with the AI Design Assistant
- Evaluate and develop AI Design Assistant Conversations

# What is the AI Design Assistant?



# Empowering Instructors



Empowering  
instructors  
to do what  
they do best

# Trustworthy AI Framework

## Anthology Trustworthy AI Framework

Fairness

Reliability

Humans in Control

Transparency and Explainability

Privacy, Security, and Safety

Value Alignment

Accountability

# Anthology and Microsoft Partnership



Partnering to build EdTech solutions for over a decade



Shared values on the responsible application of AI



Large investment in AI innovation and extensive resources to drive this forward



Anthology provides a constant “education lens” throughout development

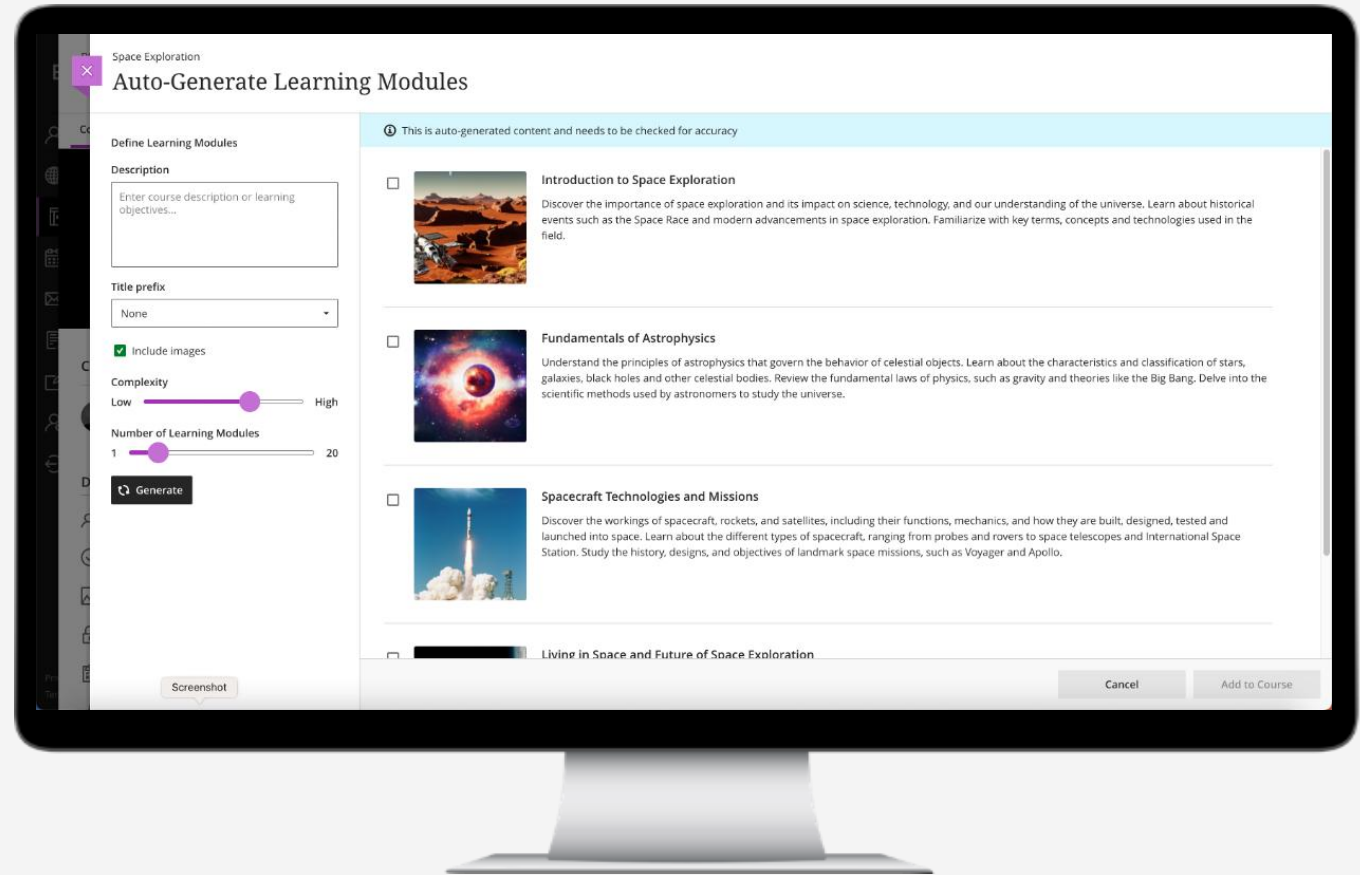
# Remember

- We are leveraging AI to inspire and streamline the course building process.
- Institutions and instructors are always in control and have ultimate say in what happens in their courses.
- No data is shared with AI from within the Blackboard environment.



# Introducing: AI Design Assistant for Blackboard

- Brings generative AI capabilities to instructors within Blackboard
- Powered by Microsoft Azure OpenAI Service
- Assists instructors in creating:
  - Course structure
  - Tests questions
  - Grading rubrics
  - Recommendations for royalty-free images



# Course Structure



# Auto Generate Modules

The screenshot shows a course page with a navigation bar at the top containing 'Content', 'Calendar', 'Announcements', 'Discussions', 'Gradebook', 'Messages', 'Analytics', and 'Groups'. A 'Student Preview' button is in the top right. Below the navigation is a banner image of carrots and oranges. The main content area is titled 'Course Content' and contains a large graphic with a pencil and a document icon, with the text 'This course is ready for content. Use this space to build your course.' At the bottom of this area are two buttons: 'Add Content' and 'Auto-Generate Modules', with the latter highlighted by a red box. On the right side, there is a sidebar with 'Course Faculty' (listing Karla Stroud as INSTRUCTOR) and 'Details & Actions' (listing Roster, Progress Tracking, Course Image, Course is private, Attendance, Books & Tools, and Question Banks).

# AI Design Assistant Panel

## Auto-Generate Learning Modules

### Define Learning Modules

**Description**

Healthy eating  
Meal Planning  
Organic foods

Select course items

Selected course items will be used to help improve suggestions.

**Title prefix**

None

Include images

**Complexity**

Low  High



**Number of Learning Modules**

1  20

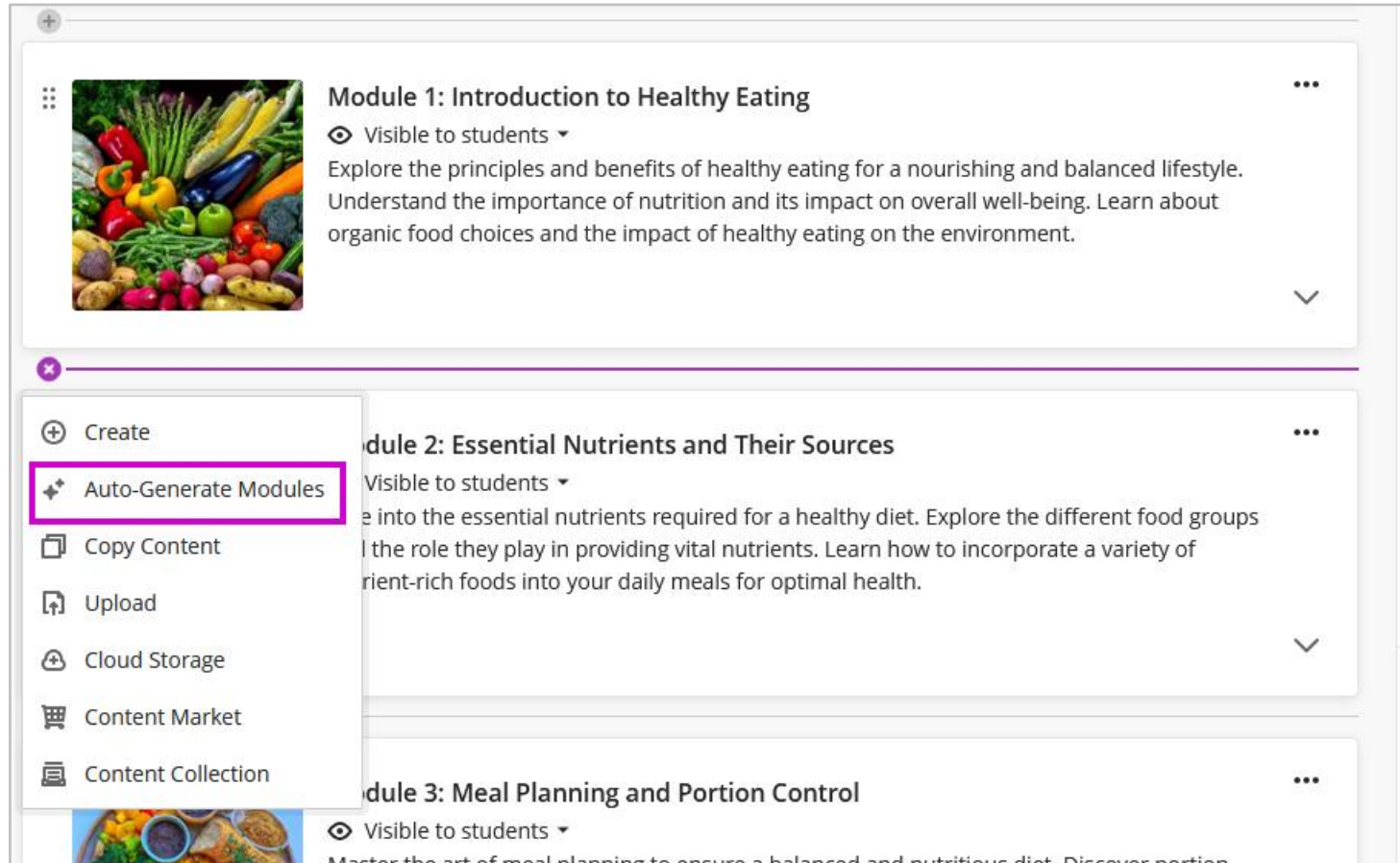
**Advanced options**

Generate

**This is auto-generated content and needs to be checked for accuracy and bias**

-  **Introduction to Healthy Eating**  
This week, we will explore the importance of healthy eating and its impact on our overall well-being. We'll discuss the benefits of consuming nutritious foods and the role they play in preventing chronic diseases. By the end of this week, you will have a clear understanding of the principles of healthy eating and be ready to implement them in your daily life.
-  **Mastering Meal Planning**  
In this week's module, we will dive into the art of effective meal planning. You will learn how to plan nutritious meals that align with your dietary goals, fit within your budget, and save you time. We will cover various meal planning techniques, including batch cooking and food prepping. By the end of this week, you will be equipped with the skills to create delicious and well-balanced meal plans.
-  **Exploring Organic Foods**  
Organic foods have gained popularity due to their perceived health benefits and environmental impact. In this module, we will explore what organic means, how organic foods are grown or produced, and the potential advantages and disadvantages of consuming organic products. By the end of this week, you will have a comprehensive understanding of organic foods and be able to make informed choices when purchasing groceries.

# Creating Additional Modules to an Existing Course



The screenshot displays the course editor interface for a course titled "Creating Additional Modules to an Existing Course". The interface shows a list of modules with a dropdown menu open for the second module, "Module 2: Essential Nutrients and Their Sources".

**Module 1: Introduction to Healthy Eating**  
Visible to students ▾  
Explore the principles and benefits of healthy eating for a nourishing and balanced lifestyle. Understand the importance of nutrition and its impact on overall well-being. Learn about organic food choices and the impact of healthy eating on the environment.

**Module 2: Essential Nutrients and Their Sources**  
Visible to students ▾  
Explore the essential nutrients required for a healthy diet. Explore the different food groups and the role they play in providing vital nutrients. Learn how to incorporate a variety of nutrient-rich foods into your daily meals for optimal health.

**Module 3: Meal Planning and Portion Control**  
Visible to students ▾  
Master the art of meal planning to ensure a balanced and nutritious diet. Discover portion

The dropdown menu for Module 2 includes the following options:

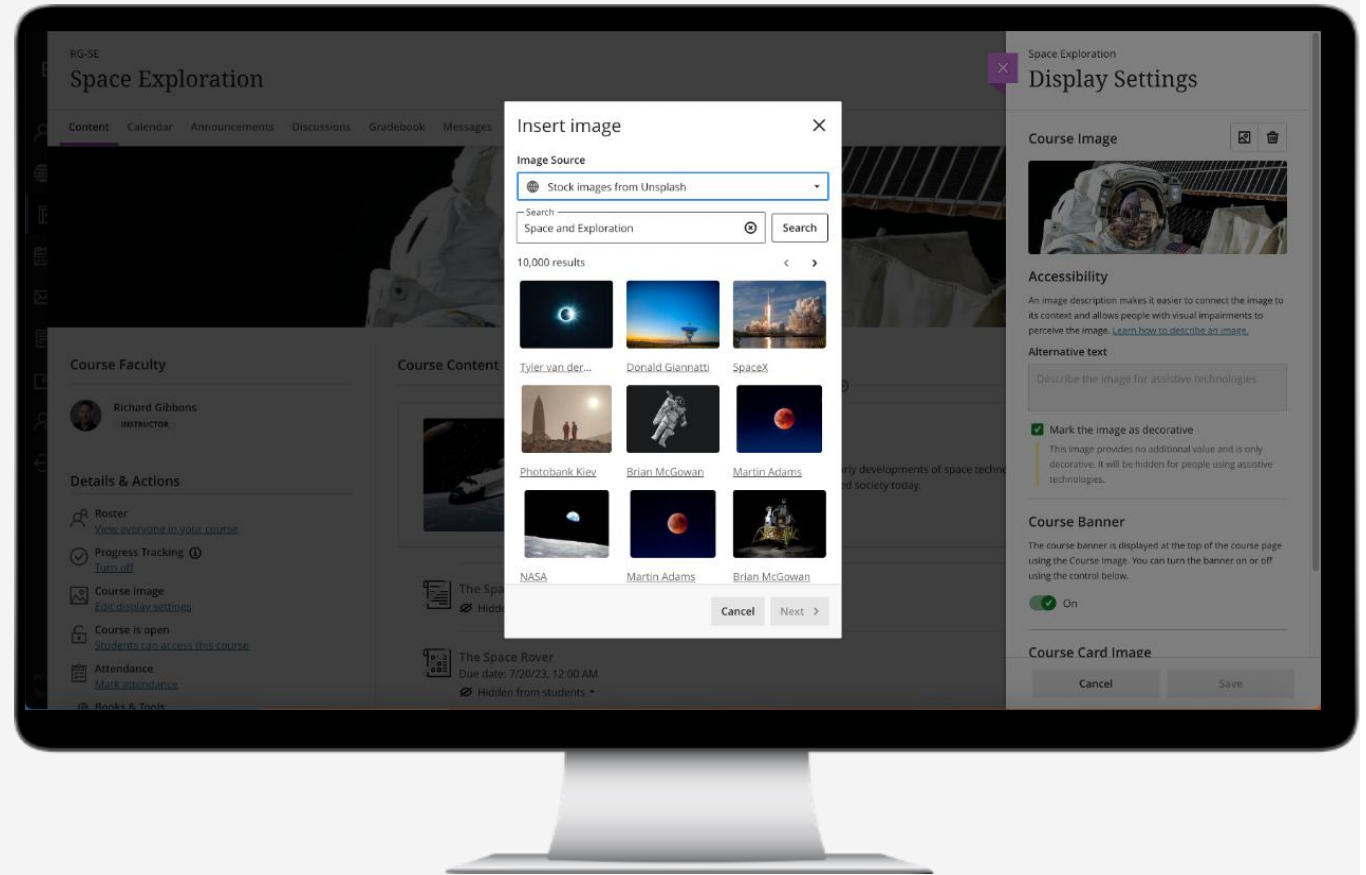
- Create
- Auto-Generate Modules** (highlighted with a red box)
- Copy Content
- Upload
- Cloud Storage
- Content Market
- Content Collection

# Unsplash Images



# Introducing: Image Gallery powered by Unsplash

- High-quality image bank, natively accessible within Blackboard
- All images are royalty-free
- Automated suggestions based on course content
- And the ability to generate images via AI






# Course Banner Image

Gradebook Messages Analytics Groups

Healthy Eating Healthy Living


## Display Settings


Course Image  




**Insert image** ✕

Image Source

 Upload from Device

 Upload from Device

 Stock images from Unsplash

Supports: JPEG, PNG  
Maximum size: 10,240 MB  
or

**Accessibility**

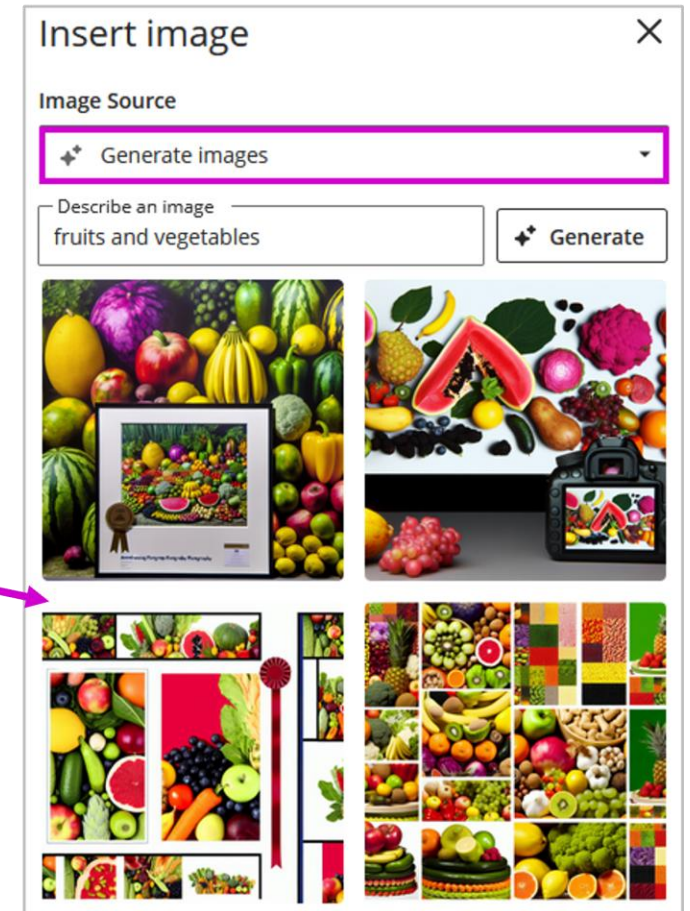
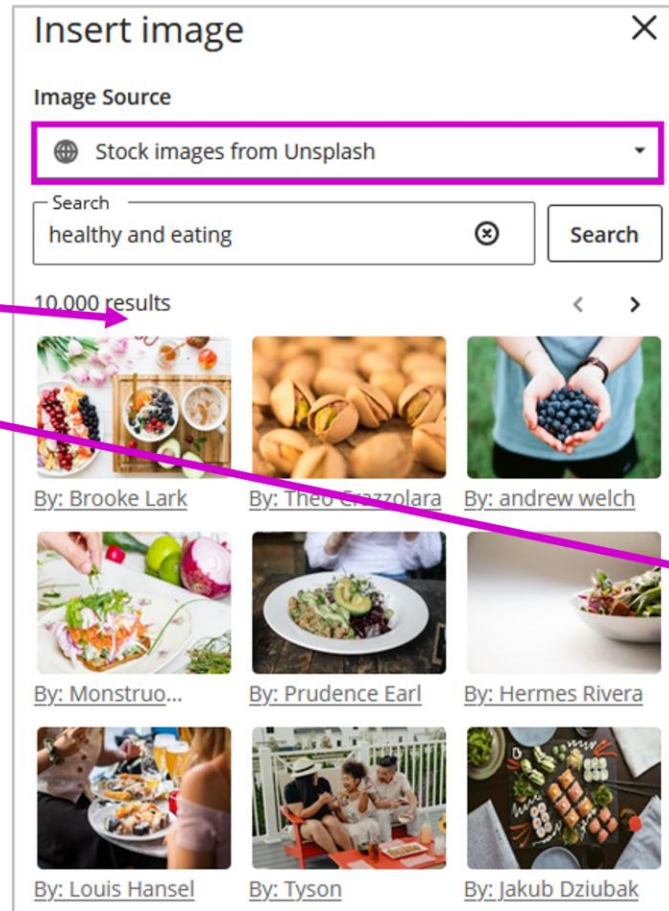
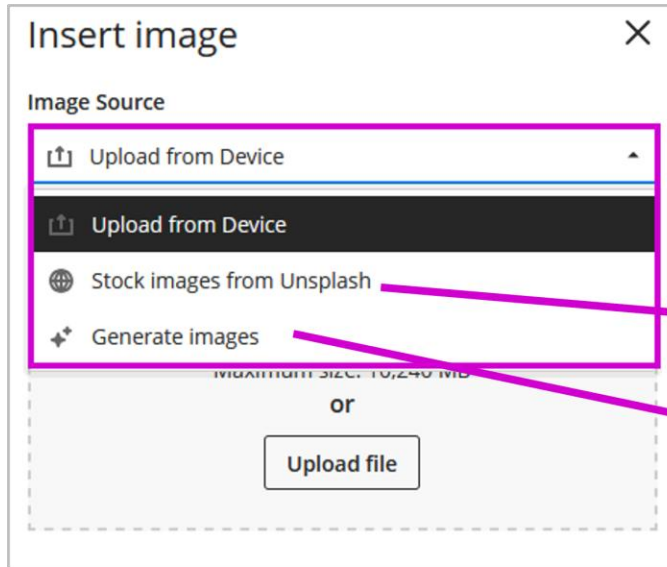
An image description makes it easier to connect the image to its context and allows people with visual impairments to perceive the image. [Learn how to describe an image.](#)

**Alternative text**

Describe the image for assistive technologies

Mark the image as decorative

# Module Images



# Document Images

The screenshot shows a document editor interface. At the top, the document title is "Healthy Eating Healthy Living" and "New Document 8/28/24". A progress indicator shows 100% completion. There is a dropdown menu set to "Hidden from students" and a settings gear icon. Below the title bar is a toolbar with various editing tools. The "Insert image" icon, which is a square with a picture of a landscape, is highlighted with a pink box. A pink arrow points from this icon to a modal window titled "Insert image".

The "Insert image" modal window has a close button (X) in the top right corner. Under the heading "Image Source", there are four options:

- Upload from Device (with a small upward arrow icon)
- Upload from Device (with a small upward arrow icon)
- Stock images from Unsplash (with a globe icon)
- Generate images (with a star icon)

Below these options is the word "or" and a button labeled "Upload file".


# Assessment Assets




# Auto Generate Assignments

Healthy Eating Healthy Living

## Healthy Eating Meal Plan Assignment

 Auto-generate assignment

 Hidden from students ▾

Content and Settings

Submissions (0)

Student Activity

### Instructions


 Print


*Click to add text or drag and drop files here*

### Assignment Settings

 **Due date**  
[Tomorrow](#)  
[Thu Aug 29, 2024 11:59 PM \(MDT\)](#)

 **Grade category**  
[Assignment](#)

 **Grading**  
[Points](#) | [100 maximum points](#)  
Post grades manually when assessment is graded. [Change grade posting setting.](#)

 **Attempts allowed**  
[1 attempt](#)

 **Originality Report**  
[Enable SafeAssign](#)

# Define the Assignment

Healthy Eating Healthy Living

## Auto-Generate Assignment

**Define the assignment**

**Description**

Enter a description or set of keywords...

Select course items

Selected course items will be used to help improve suggestions.

**Desired cognitive level**

Inspire me!

**Complexity**

Low  High

Generate assignment title

**Advanced options**

Generate

**Creating a Healthy Eating Guide**

This is auto-generated content and needs to be checked for accuracy and bias

Imagine you are a nutritionist working for a health magazine. Your assignment is to create a comprehensive Healthy Eating Guide for college students. The target audience of the guide is undergraduate students in their freshman and sophomore years. To complete this assignment, you are required to include the following elements in your submission: 1. A Leaflet/Infographic summarizing the key points of the guide; 2. An Essay describing the importance of healthy eating and providing practical tips for incorporating healthy eating habits into a college lifestyle; 3. A Reference List of credible sources that support the information provided in your guide. Your submission should demonstrate the cognitive process of 'Create' by showcasing your ability to develop an original and well-structured Healthy Eating Guide tailored to the needs of college students.

**Cognitive level: Create**

**Analyzing the Impact of Food Marketing**

In recent years, food marketing has become increasingly influential in shaping people's dietary choices. You are tasked with analyzing the impact of food marketing on consumer behavior and public health. To complete this assignment, you must share the following elements in your submission: 1. A Report summarizing your findings on the effects of food marketing on consumer decision-making and health outcomes; 2. An Interview with an expert in the field of food marketing discussing their views on the ethical considerations of food advertising; 3. A Diagram visualizing the strategies used by food marketers to influence consumer choices. Your submission should demonstrate the cognitive process of 'Analyze' by critically examining the role of food marketing and providing evidence-based insights on its effects.

**Cognitive level: Analyze**

**Evaluating Popular Diets: Fact or Fad?**

Many people are drawn to the promises of popular diets that claim to promote weight loss or improve overall health. Your task is to evaluate the effectiveness and scientific validity of one popular diet of your choice. To complete this assignment, include the following elements in your submission: 1. A Podcast/Speech presenting an analysis of the diet, discussing its potential benefits and drawbacks; 2. A Photograph of a meal or dish that adheres to the principles of the diet, showcasing your understanding of the dietary guidelines; 3. A real-life experience sharing your personal journey of following the diet for a specified period of time and documenting the outcomes. Your submission should demonstrate the cognitive process of 'Evaluate' by critically examining the claims made by the popular diet and

# Generate Rubrics

Healthy Eating Healthy Living

## Generate Rubric

**Define rubric**

**Description**

- Healthy Eating Depth of Research
- Accuracy of Information
- APA format
- Spelling and Grammar

**Rubric Type**

Percentage

**Complexity**

Low 

 High

**Columns**

2 

 5

**Rows**

2 

 7

**Advanced options** ⌵

Generate

ⓘ This is auto-generated content and needs to be checked for accuracy and bias

**Rubric preview**

This can be edited in the existing rubrics panel

Criteria	Excellent	Good	Satisfactory	Need
<b>Healthy Eating Depth of Research</b>  25% of total grade	<b>100%</b> Demonstrates a comprehensive understanding of the subject matter with extensive research and in-depth analysis.	<b>75%</b> Shows a solid understanding of the subject matter with thorough research and detailed analysis.	<b>50%</b> Displays a satisfactory understanding of the subject matter with adequate research and analysis.	<b>25%</b> Demo under matte and su
<b>Accuracy of Information</b>  25% of total grade	<b>100%</b> Provides accurate and reliable information with strong supporting evidence from credible sources.	<b>75%</b> Provides mostly accurate information with sufficient supporting evidence from credible sources.	<b>50%</b> Provides somewhat accurate information with limited supporting evidence from credible sources.	<b>25%</b> Provid with w evider
<b>APA Format</b>  25% of total grade	<b>100%</b> Follows APA format consistently and correctly with proper citations and references.	<b>75%</b> Follows APA format mostly consistently and correctly with minor errors in citations and references.	<b>50%</b> Follows APA format inconsistently with noticeable errors in citations and references.	<b>25%</b> Does i includ refere

Cancel
Continue

# Generate Test Questions

Healthy Eating Healthy Living  
Healthy Eating Check Your Understanding

Content and Settings Submissions (0) Student Activity Question Analysis

Assessment Settings

- Due date: Tomorrow (Thu Aug 29, 2024 11:59 PM (MDT))
- Grade category: Test
- Grading: 100 maximum points
- Attempts allowed: 1 attempt
- Originality Report: Enable SafeAssign

Auto-generate question

- Add question pool
- Add Calculated Formula question
- Add Calculated Numeric question
- Add Essay question
- Add Fill in the Blank question
- Add Hotspot question
- Add Matching question
- Add Multiple Choice question
- Add True/False question
- Reuse questions

Healthy Eating Healthy Living  
Auto-Generate Questions

This is auto-generated content and needs to be checked for accuracy and bias

Define questions

Description: Enter a short description, learning objectives, or topic...

Select course items

Question Type: Inspire me!

Complexity: Low to High slider

Number of questions: 1 to 10 slider

Advanced options

Generate

Question 1: How many servings of fruits and vegetables are recommended per day? (A) 3, (B) 2, (C) 5, (D) 7

Question 2: A healthy meal should include a balanced combination of [Blank 1], [Blank 2], and [Blank 3]. (Blank 1: carbohydrates, Blank 2: proteins)

# Create Discussion Prompts

Healthy Eating Healthy Living

## Advantages and Disadvantages of Buying Organic

Auto-generate discussion   Hidden from students

### Auto-Generate Discussion

This is auto-generated content and needs to be checked for accuracy and bias

**Define the discussion**

**Description**

advantages and disadvantages of buying Organic Foods

Select course items

Use this space to make an initial post to start a discussion.

What do you want to talk about?

Selected course items will be used to help improve suggestions.

**Desired cognitive level**

- Inspire me!
- Inspire me!
- Apply
- Analyze
- Evaluate
- Create

- Exploring the Environmental Impact of Organic Farming**  
Discuss the advantages and disadvantages of buying organic foods, focusing on the environmental impact of organic farming. Share your thoughts on how organic farming practices contribute to sustainability and biodiversity. To enhance the authenticity of your response, include a reference list citing reputable sources that support your arguments. Additionally, provide a diagram illustrating the key concepts of organic farming and its impact on the environment.  
Cognitive level: Analyze
- Evaluating the Health Benefits of Organic Foods**  
In this discussion, evaluate the advantages and disadvantages of buying organic foods from a health perspective. Discuss the potential benefits of consuming organic foods, such as reduced exposure to pesticides and higher nutrient content. Include a video of an interview with a nutritionist or health expert who can provide insights into the topic. Support your arguments with reliable references and real-life experiences of individuals who have switched to organic diets.  
Cognitive level: Evaluate
- Creating a Personal Budget for Organic Food Purchases**  
Imagine you have decided to switch to a primarily organic diet. Create a mock scenario where you develop a monthly budget for buying organic foods. Consider the advantages and disadvantages of buying organic in terms of cost. Include a photograph of a sample grocery receipt showing the price difference between organic and conventionally grown items. In your response, analyze the financial implications of buying organic and propose practical strategies to make organic food purchases more affordable.  
Cognitive level: Create

# Create Journal Prompts

Healthy Eating Healthy Living

## Healthy Eating Journal

Journal Participation

Auto-Generate Journal

Hidden from students

Healthy Eating Healthy Living

### Auto-Generate Journal

**Define the journal**

Description

Enter a description or set of keywords...

Select course items

Selected course items will be used to help improve suggestions.

Desired cognitive level


- Inspire me!
- Inspire me!
- Apply
- Analyze
- Evaluate
- Create

This is auto-generated content and needs to be checked for accuracy and bias

- Exploring the Power of Healthy Eating**  
Reflect on a time when your food choices had a positive impact on your physical and mental well-being. Describe the situation and explain how healthy eating played a role in your overall health. Include at least one photograph or video to visually illustrate your experience. Write a journal entry every week for the next two months, documenting your journey towards making healthier food choices and the impact it has on your body and mind.  
**Cognitive level: Evaluate**
- Unveiling the Secrets of Nutritional Labels**  
Take a deep dive into the world of nutrition labels. Choose a packaged food item from your pantry and analyze its nutritional facts. Identify the key nutrients, interpret their significance, and evaluate whether the product aligns with your dietary goals. Create a diagram that visually represents the nutritional composition of the food item. Write a journal entry bi-weekly for the next three months, exploring various food products and critically analyzing their nutritional profiles.  
**Cognitive level: Analyze**
- Designing a Healthy Meal Plan**  
Imagine you are a nutritionist designing a week-long meal plan for someone looking to improve their eating habits. Apply your knowledge of healthy eating principles to create a well-balanced meal plan that caters to their dietary needs. Include a reference list of reliable sources that support your recommendations. Write a journal entry monthly for the next six months, reflecting on the

# AI Conversation

### AI Conversation Content


 Print

#### AI Conversation


0 points ...

**Topic**  
This question will be shown to the student and will be the topic of conversation for the AI conversation persona.  
What is the impact of organic food on the restaurant business?


**Persona**





**Bobby Ramsey**  
Chef is informative, supportive, and provides focus to the organic food industry as it relates to professional chefs.


 Reset chat

What is the impact of organic food on the restaurant business?

 Hi, my name is Bobby Ramsey. My responses are generated by AI and therefore may have bias or not be accurate. Please share your initial thoughts on the topic...

 Organic food costs more due to the method of growing and caring for the food thus owners are needing to increase their menu prices

 How do you think consumer perception of value changes when they see higher prices on the menu due to organic food?


Write a response  Send

#### Reflection Question

1 point ...

In what ways did the conversation advance your understanding of the topic?

### AI Conversation Settings

 Grading  
[AI Conversation isn't graded](#)

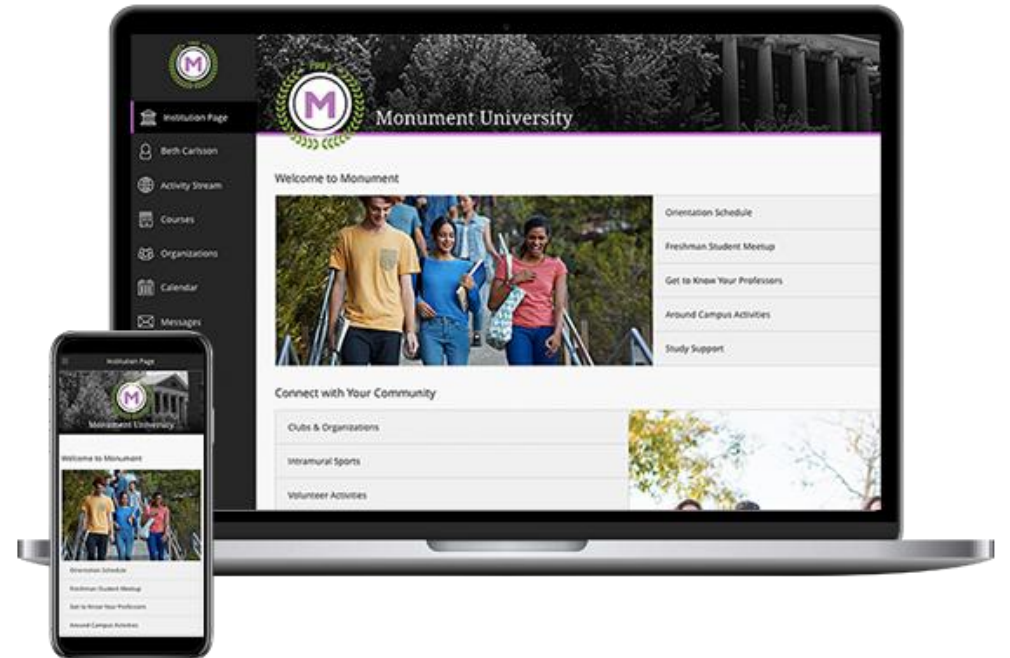


## Reflection

- What have you learned today?
- Please share one thing you learned in today's session that you plan to use in your course design and teaching.

# Exemplary Course Themes & Rubric

- Course Design
- Interaction & Collaboration
- Assessments
- Learner Support



# Anthology Community

## Welcome to the Anthology Community

The Community is a place for Anthology users to connect and collaborate. Community is more than a platform, it's a culture of innovation, knowledge sharing and partnership with the global education community.

We are here to help and learn from each other. Let's continue the conversation together.

Join the Community to learn and engage with Anthology users from around the world.



Ask & Answer Questions



Community Programs



Submit Product Feedback

**Anthology** 