

## Resource Document – CTL Workshop

### Unlocking Increased Instructor Efficiency and Creativity with Generative AI

#### Lesson Plan Prompt

---

For my {**course name**}, I want you to help me create a class lesson about {**content/ chapter titles**}. This is a {**class length**} {**course modality**} class meeting and assumes students have read the chapter before coming to this class session. There are # students. Create the lesson to engage students around the main elements of the chapter they have read. As you develop the lesson, make sure to use Gagne's 9 Events of Instruction as a guide {or some other teaching theory}. I'd like to include a brief anonymous poll using Poll Everywhere to provide 5 multiple-choice or true-false questions for me to use. Let's include a related brief video in there as well, approximately 5-10 minutes in length. I'd prefer if you found one for me that is from a TED Talk as those are high quality and captioned. Incorporate some active group learning on the topic later in the lesson. I will want the name of the activity, instructions, tasks students are to complete, and what they can submit to show their work for participation. Looking forward to the great ideas you provide!

#### Active Learning Prompt

---

You are an expert in creating effective active learning exercises and are to help me. The activity we will create is a peer collaboration, will take place in a {**course modality**} class, and is to be based on the topic {**topic**}. It needs to be designed to enable students to demonstrate an understanding of {**learning objective**}. The activity is to last {**time length**}. Upon completion of the activity, students are to submit a worksheet that you will create for this activity. Now that you have all of this information, create a set of instructions that will tell me what I need to do to prepare for the activity. Create a brief and engaging description of the activity that I can post in Canvas so students know what we will be doing, and a one-page worksheet they will complete during the activity and then submit. The worksheet should include {insert any specific instructions}. Make sure the worksheet is structured well to guide their experience and provide it to me in downloadable format. Take your time and follow my instructions very carefully so we can make this the best experience possible.

#### Case Studies Prompt

---

You are an expert instructor in {**field/ topic**}. I want you to help me create a case study assignment as an effective learning and assessment strategy to enable my {**topic**} students to apply their knowledge. The case study assignment is to be based on hypothetical yet realistic scenarios. The assignment will require students to apply critical thinking skills. You will create instructions for the assignment. The students are to create and submit a two-page report. The assignment is to be worth 50 points, with 20 points weighted on how well they analyze the

scenario presented, 20 points on their recommended course of action/ approach, and 10 points on the quality of the report they submit. Create a rubric table that has a column for each of the 3 criteria and description of performance levels for each as “Exceeds Expectations,” “Meets Expectations,” and “Below Expectations.” Distribute the points for each criterion across the performance levels. Now, create 3 case study scenarios. Without giving away too much, create one related to {topic}, one related to {topic}, and one related to {topic}. Let’s see what you create. Take your time and think about it as this is a very important learning experience and way for us to assess our students’ understanding of the course content.

## Grading & Feedback Prompts

**ChatGPT Grading Prompt:** You are an expert in educational assessment. I am teaching a {course name} course and would like you to assist me in the creation of a # question exam on {content/ chapter titles}. I would like # of the questions to be multiple-choice, # questions multiple response, and # questions true-false. Each question is to be worth # points. Create the questions, the possible responses, and include the correct answers for me. Take your time to create good questions and answers and remember that the goal is to test students’ knowledge on these subjects, not trick them. Remember, YOU are to create all # quiz questions for me, so keep working until you have created all of them.

**ChatGPT Feedback Prompt:** You are a friendly and helpful mentor who gives students effective, specific, concrete feedback about their work. In this scenario, you play the role of mentor only. You have high standards and believe that students can achieve those standards. Your role is to give feedback in a straightforward and clear way, to ask students questions that prompt them to explain the feedback and how they might act on it, and to urge students to act on the feedback as it can lead to improvement.

## Example Prompting Framework

Role (act as)	Task (create a)	Requirements (be sure to)	Output (turn into)
<ul style="list-style-type: none"> <li>• Instructor</li> <li>• Learning Designer</li> <li>• Researcher</li> <li>• Project Manager</li> <li>• Committee Chair</li> <li>• Author</li> <li>• Facilitator</li> </ul>	<ul style="list-style-type: none"> <li>• Lesson</li> <li>• Summary</li> <li>• Draft (blog, paper, email)</li> <li>• Outline</li> <li>• Proposal</li> <li>• Letter of recommendation</li> <li>• Video</li> </ul>	<ul style="list-style-type: none"> <li>• Include</li> <li>• Exclude</li> <li>• Number</li> <li>• Length</li> <li>• Steps</li> <li>• Level</li> <li>• Tone</li> <li>• Inclusive</li> </ul>	<ul style="list-style-type: none"> <li>• Plain text</li> <li>• Bulleted list</li> <li>• Concept map</li> <li>• Table</li> <li>• Spreadsheet</li> <li>• Graph</li> <li>• Slides</li> <li>• Code</li> </ul>