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 College of Dietitians of Ontario The Academy I Foundation, State Affiliates, DPGs & MIGs Buffalo State University | Health, Nutrition & Dietetics
 Hilbert College Global | Natural Sciences & Math The Committee for Lifelong Learning (think FNCE® program planning)
The CDR Appeals Panel (think PDP/CE extensions)

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## Blueprints for Brilliance: Today's LOs Utilize an Al tool in order to improve productivity & client satisfaction Consider A.I.-enhanced teaching strategies & methods in order to Discuss ethical implications of A.I. in order to plan for responsible Al integration & use Recall curriculum considerations in order to help prepare future practitioners for an Al-included profession

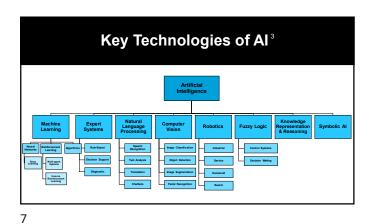
**Disclaimers** Today's speaker experience vs expertise 101 info & application some 101 practice apps, broad & specific info relevance & applicability Now vs later Commercialism product promotion, ChatGPT 3.5 & 4.0 use

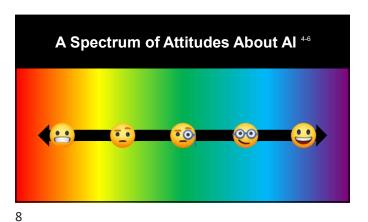
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# Artificial Intelligence (AI)<sup>1</sup> A field of computer & data science focused on creating systems capable of performing tasks that typically require human intelligence. Al encompasses a range of technologies and approaches, including machine learning (ML) & deep learning (DL), natural language processing (NLP), computer vision, robotics & more.



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10 Industries Impacted by A.I. 38,39

Service Automation Finance & ID Personalization & Autonomous Vehicles & Traffic Predictive Maintenance & Guality Control Automation Adaptive LMS Personalization Person

Applications in Food, Nutrition & Health/care

Clinical assessment & diagnosis assistance assistanc

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GenAl: Everyone's Assistant & Second Brain

✓ Quick second opinion ✓ Communications & collaboration

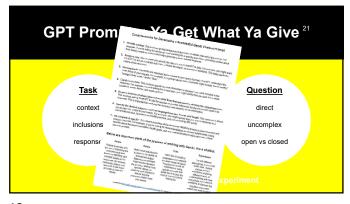
✓ Education, planning & guidance ✓ Article summarization & analysis

✓ Copy writing, editing & translation ✓ Text-to-image & -video

✓ Business strategy ✓ Research & development

Becoming a Pro at Developing Prompts

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Primary GPT Task Prompt Structure 22

 Role
 As a nutrition expert looking to attract more clients,
 Ineed effective lead generation strategies for my nutrition business.

 Inclusions
 Provide a list of strategies and examples for social media marketing, networking, and creating engaging content. Focus on search engine optimization.

 Keywords
 The language used in the marketing and promotional copy should be engaging and persuasive.

 Response

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Improving Productivity & Client Satisfaction Time to Vote!

Personalising a meal plan & provide recipes in context of:

1. Limited foods at home
2. Diabetes management

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Personalising a meal plan & recipes in context of limited foods at home:

I have a client who has limited foods at home but needs to make them last for herself and her child for the next 3 days. Consider that only an electric stove and oven is available for heating/cooking/baking.

Act as an expert meal planner and create a 3-day meal plan with simple recipes for breakfast, funch, and dinner using the following ingredients: 1kg four, unlimited water, 1 lead of break of, litre of cando al, 10 eggs, 2 cans of black beans, 2 cans of tuna, 4 cans of diced carrots, 1 can of corn, 300 grams of chicken, 1 litre of milk, 1 lime, salt, pepper, cumin, garlic powder, 2 medium white onlons, 6 apples, 200 grams of guava paste, 1kg of white potatoes, 1 litre of mango juice, and 1 large bag of frozen peas.

Please ensure the meals provide adequate calories and protein for a 30-year-old female and 6-year-old boy

Provide protein, fat, and carbohydrate nutrition information for each prepared food item, as well as for the suggested adult & child serving sizes. Include where you retrieved nutrition information from. Provide the meal plan, recipes, preparation instructions, and nutrition information all in an organized table format.

Recipes and Preparation Instructions:

1. Scrambled Eggs with Toast: Beat eggs with salt and pepper. Cook in a non-stick pan with a little oil until set. Serve with toasted bread.

2. Tuna Salad with Bread: Mix canned tuna with diced onions, lime juice, salt, and pepper. Serve on bread.

3. Black Bean and Carrot Soup: Blend canned black beans and canned carrots with water to desired consistency. Season with cumin, garlic powder, salt, and pepper. Heat until warm.

4. Gusva Paste on Toast: Spread guava paste on toasted bread.

5. Chicken and Pea Stir-Fry: Dice chicken and cook in a pan with oil until browned. Add frozen peas, diced onions, and season with salt and pepper. Cook until peas are heated through.

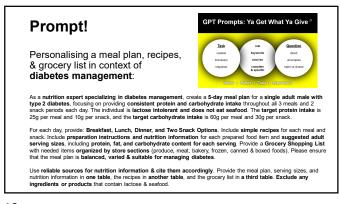
6. Potato and Onion Bake: Slice potatoes and onions thinly. Layer in a baking dish, drizzle with oil, and season with salt and pepper. Bake & 200°C Juntil potatoes are tender.

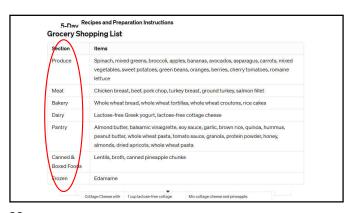
7. Milk and Apple Porridge: Dice apple and cook in a pot with milk until soft. Serve warm.

8. Tuna and Carrot Patties: Mash canned tuna and canned carrots together. Form into patties and fry in a pan with oil until golden on both sides.

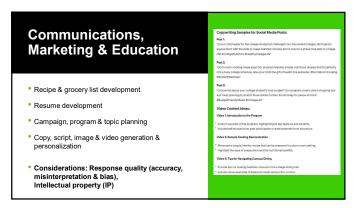
9. Black Bean and Corn Salad: Mix canned black beans, canned corn, diced onions, lime juice, salt

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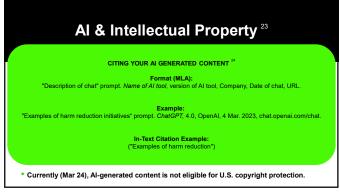


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Engaging Targeted Audiences & Developing Meaningful Content

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### Time to Vote!

Brainstorm interactive teaching & learning methods for:

1. An in-person workshop on cardiovascular health & nutrition

2. An online nutrition course focused on healthy aging

### Prompt!

Eliciting interactive teaching & learning methods for an in-person workshop on cardiovascular health & nutrition:



I'm planning an in-person workshop on cardiovascular health and nutrition for a group of adults aged 40 to 60. I need to develop a workshop that is highly interactive and engaging in order to enhance learning and retention of key concepts.

Act as an instructional designer and brainstorming partner and provide me with creative ideas for interactive teaching and learning strategies for this workshop. How can I incorporate hands-on activities, group discussions, and visual aids to effectively convey the importance of cardiovascular health and nutrition? Please include specific examples of activities and discussion topics that will engage participants and encourage active participation.

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ChatGP

Memory updated

To create an engaging workshop on cardiovascular health and nutrition for adults aged 40 to 60,

- Role-Playing Scenarios: Create role-playing scenarios where participants act out situations that require them to make heart-healthy choices, such as dining out or attending a social gathering.
- Quiz Games: Incorporate quiz games with questions related to cardiovascular health and nutrition. This can make learning fun and reinforce key concepts.
- 8. Visual Aids: Use visual aids such as infographics, charts, and diagrams to illustrate key concepts and make them easier to understand.
- Goal Setting: Guide participants in setting realistic goals for improving their cardiovascular health, such as increasing their daily physical activity or reducing their sodium intake.
- Q&A Sessions: Allocate time for participants to ask questions and seek clarification on topics they find challenging.

to appreciate food. This can help promote healthier eating habits.

Interactive Discussions: Break participants into small groups to discuss common challenges to maintaining a heart-healthy diet and share strategies for overcoming these challenges. Prompt!

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Eliciting interactive teaching & learning methods for an online nutrition course focused on healthy aging:



I'm developing an online nutrition course focused on healthy aging, targeting adults, ages 40 to 60, who want to improve their health and well-being through their dietary intake. I want to create a comprehensive and engaging course that covers key topics such as nutrient needs, simple meal planning and preparation, and lifestyle strategies for healthy aging.

Act as an instructional designer and brainstorming partner and provide me with ideas for interactive and engaging teaching and learning strategies. How can I make the course interactive and engaging for participants? Please include suggestions for incorporating multimedia elements, self assessments that are fun, hands-on activities that enrollees can complete themselves at home, and discussion forum prompts that provoke critical thinking while applying knowledge they likely have in life already, in order to enhance the learning experience.

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### Multimedia Elements:

1. Video Lectures: Break down complex topics into short, digestible videos with visuals and

### Discussion Forum Prompts:

- Case Studies: Present real-life scenarios related to healthy aging and ask participants to discuss solutions based on course content.
- Debate Topics: Pose controversial topics related to nutrition and aging to stimulate critical thinking and discussion.
- Peer Feedback: Encourage participants to share experiences and offer constructive feedback to their peers' meal plans or lifestyle changes.

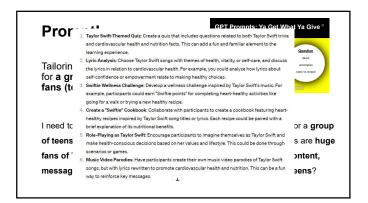
### Additional Ideas

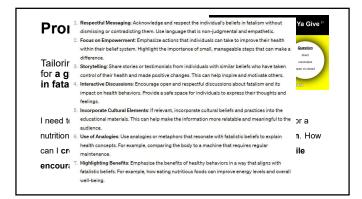
- Guest Speakers: Invite guest speakers, such as nutritionists, chefs, or fitness experts, to share their insights and expertise.
- Resource Library: Provide access to articles, videos, and research papers for further reading and exploration.
- Live Q&A Sessions: Host live sessions where participants can ask questions and interact with
  you and other experts in real-time.

**Engaging Targeted Audiences & Developing Meaningful Content** 

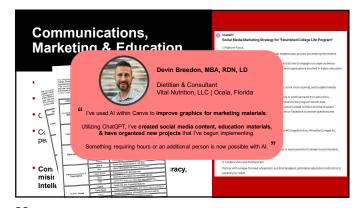
Example Prompts for Tailoring Instructional Materials

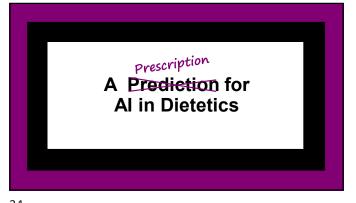
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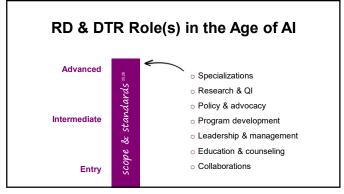


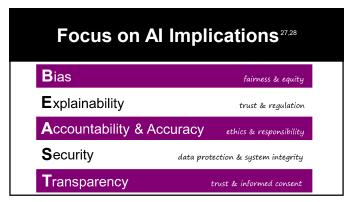
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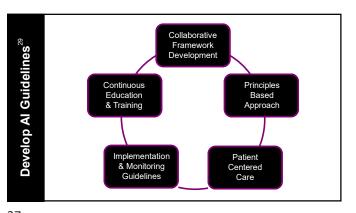


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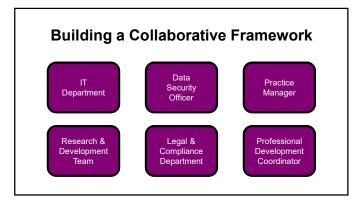


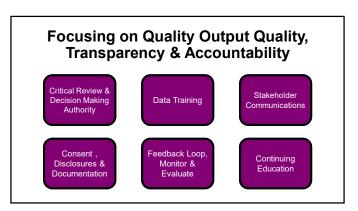
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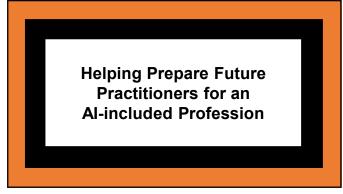


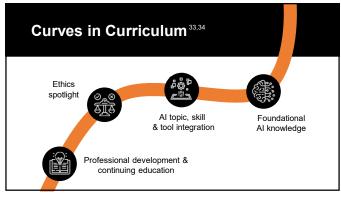
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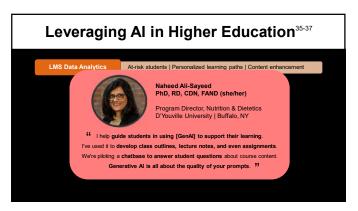


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\*GPT Prompts: Ya Get What Ya Give\*

 \*Known to produce inaccurate, outdated, biased output

 Lack of highly personalized and intricate psychological & emotional support in context of health care

 \*Expert validation, collaboration & systems are needed during implementation & use

 \*Potential impact on critical thinking

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The Minds Behind the Slides: References

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# Improving Communications Example Prompts for Communication Conundrums

A communication conundrum in context of client communications:

I'm working with a client who is resistant to making the dietary changes I've recommended for managing their cardiovascular disease. They live alone, have family but don't have a good relationship with them, and are concerned about dietary changes, fearing they wornt enjoy the foods that can help in managing cardiovascular disease. They like to go for walks and have a few friends they are close with.

Act as a communication expert and provide me with strategies to effectively communicate the importance of these dietary changes to my client. How can I motivate them to embrace these changes and overcome their resistance?

Please ask me questions about the individual's lived experience (focusing on motivating determinants of behavior change). After I answer the questions you provide, include examples of language or phrases I can use to positively reinforce the benefits of a healther diet and address any concerns or misconceptions they may have. Additionally, provide strategies to connect with their values and goals to help them see the importance of dietary changes.

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# Prompt!

A communication conundrum in context of professional collaborations:



I'm collaborating with a healthcare professional from another discipline who consistently oversteps professional boundaries when it comes to providing dietary advice to our shared patients. This has led to confusion and conflicting recommendations for our patients.

Act as a communication expert and provide me with strategies to address this issue with my colleague. How can I assert my role as the dietitian and communicate the importance of respecting professional boundaries without causing tension or conflict? Please include examples of language or phrases I can use to assert my expertise and reinforce the need for clear communication and collaboration.