

## Nutrition



# Nutrition

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# Contents

## Part I. Faculty Resources

1. [Request Access](#) 3
2. [I Need Help](#) 5

## Part II. OER Text

3. [Main Book Resource](#) 9

## Part III. The Science of Nutrition

4. [Introduction to Nutrition Lecture](#) 13

## Part IV. Digestion in the Human Body

5. [Digestion of Food Lecture](#) 17

## Part V. Carbohydrates: Sugar, Starches, Fiber

6. [Carbohydrates Lecture](#) 21

## Part VI. Role of Nutrition in Diabetes

7. [Role of Nutrition in Diabetes Lecture](#) 25

Part VII. Lipids: Fats, Oils, Cholesterol

8. Lipids in Foods Lecture 29

Part VIII. Protein

9. Protein Lecture 33

Part IX. Vitamins

10. Vitamins Lecture 37

Part X. Minerals

11. Minerals Lecture 41

Part XI. Weight Management

12. Weight Management Lecture 45

Part XII. Healthy Eating Habits For Life

13. Healthy Eating Habits For Life Lecture 49

Part XIII. Controversial Issues in Nutrition

14. Controversial Issues in Nutrition Lecture 53

Part XIV. Dietary Analysis Project

15. Project Instructions: 3 Week Dietary Analysis 57

PART I  
FACULTY RESOURCES





# I. Request Access



To preserve academic integrity and prevent students from gaining unauthorized access to faculty resources, we verify each request manually.

Contact [oyer@achievingthedream.org](mailto:oyer@achievingthedream.org) and we'll get you on your way.

## Overview of Faculty Resources

This is a community course developed by an Achieving the Dream grantee. They have either curated or created a collection of faculty resources for this course. Since the resources are openly licensed, you may use them as is or adapt them to your needs.

## Now Available

- Homework Questions
- Discussion Prompts
- Quizzes

## Share Your Favorite Resources

If you have sample resources you would like to share with other faculty teaching this course, please send them with an explanatory message and learning outcome alignment to [oeer@achievingthedream.org](mailto:oeer@achievingthedream.org).

## 2. I Need Help



Need more information about this course? Have questions about faculty resources? Can't find what you're looking for? Experiencing technical difficulties?

We're here to help! Contact [oeer@achievingthedream.org](mailto:oeer@achievingthedream.org) for support.



PART II  
OER TEXT



3.

[Human Nutrition, University of Hawai'i at Mānoa Food Science and Human Nutrition Program](#)





PART III  
THE SCIENCE OF  
NUTRITION



# 4. Introduction to Nutrition Lecture

[Download a PDF of the lecture here.](#)



PART IV  
DIGESTION IN THE  
HUMAN BODY



# 5. Digestion of Food Lecture

[Download a PDF of the lecture here.](#)





PART V

CARBOHYDRATES: SUGAR,  
STARCHES, FIBER



# 6. Carbohydrates Lecture

[Download a PDF of the lecture here.](#)



PART VI  
ROLE OF NUTRITION IN  
DIABETES



# 7. Role of Nutrition in Diabetes Lecture

[Download a PDF of the lecture here.](#)





PART VII  
LIPIDS: FATS, OILS,  
CHOLESTEROL



# 8. Lipids in Foods Lecture

[Download a PDF of the lecture here.](#)



PART VIII  
PROTEIN



# 9. Protein Lecture

[Download a PDF of the lecture here.](#)





PART IX  
VITAMINS



# 10. Vitamins Lecture

[Download a PDF of the lecture here.](#)



PART X  
MINERALS



# II. Minerals Lecture

[Download a PDF of the lecture here.](#)





PART XI

# WEIGHT MANAGEMENT



# 12. Weight Management Lecture

[Download a PDF of the lecture here.](#)



PART XII  
HEALTHY EATING HABITS  
FOR LIFE



# 13. Healthy Eating Habits For Life Lecture

[Download a PDF of the lecture here.](#)





PART XIII  
CONTROVERSIAL ISSUES  
IN NUTRITION



# 14. Controversial Issues in Nutrition Lecture

[Download a PDF of the lecture here.](#)



PART XIV  
DIETARY ANALYSIS  
PROJECT



# 15. Project Instructions: 3 Week Dietary Analysis

## Dietary Analysis : Week 12

For this week, you will keep a diet diary and write down everything you eat and drink for 3 days. Make sure you write down portion size too.

## Dietary Analysis : Week 13

Using the diet diary, please answer these questions:

1. **Did you eat any foods that contained fiber at least once per day? Yes or No.**

**List the food that contains fiber and next to the food, write down at which meal (breakfast, lunch, dinner or snack) you ate the fiber rich food.**

2. **List the fruits and vegetables you ate each day. Then arrange them into categories like this:**

**Green fruits and vegetables I ate:**

**Orange fruits and vegetables I ate:**

**Purple fruits and vegetables I ate;**

**Yellow fruits and vegetables I ate:**

**Red fruits and vegetables I ate:**

**Other color fruits and vegetables I ate:**

**3. Did you eat protein foods every day? Yes or no?**

**Next, list the protein foods you ate and write down at which meal (breakfast, lunch, dinner, snack) you ate the protein rich food.**

**4. What percentage of your diet was junk food/processed foods/fast foods?**

**List the percentage here.**

## Dietary Analysis: Week 14: Personalized Recommendations

Review all the dietary information you have collected.

Select 2 specific dietary changes you would like to make to improve your diet and therefore your health.

List the two specific dietary changes you would like to make:

Dietary Change 1:

---

Dietary Change 2:

---

**For Dietary Change 1**, list the steps you will take to to make this



change a permanent habit. Write down at least 3 steps but you might have to write more than 3 steps, that is fine.

List the steps here:

Step 1:

Step 2:

Step 3:

**For Dietary Change 2**, list the steps you will take to make this change a permanent habit. Write down at least 3 steps, more steps are okay too.

List the steps here:

Step 1:

Step 2:

Step 3:

**For Dietary Change 1**, write down at least 2 health benefits you expect to see as a result of making these changes.

Benefit 1:

Benefit 2: