



# Nutritional Chemistry

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Insert Teacher Name

Insert Room Number

Insert Full Year/Semester

Insert Period

Insert Email Address

## COURSE DESCRIPTION

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The Chemistry of Nutrition is a one-semester course focused on the study of the basic concepts of chemistry applied to metabolism: carbohydrates, lipids, amino acids: enzymes and metabolic control; vitamins and cofactors. Emphasis is placed on metabolic pathways, the interrelationships of major nutrients and the relation of metabolic processes to the overall nutritional health of an individual.

## COURSE OBJECTIVES

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Students will understand:

- The structure and function of basic nutrition molecules affect cell structure and basic anatomy
- Balanced nutrition affects our overall health
- Different nutritional deficits manifest in your body and what are the social implications

## UNITS OF STUDY

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1. Micronutrients: Minerals
2. Micronutrients: Vitamins
3. Macronutrients and Energy

## COURSE POLICIES AND REQUIREMENTS

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### GRADING

Cumulative / In-Progress Grade:

- 10% of the grade will be based on formative assessments, homework completion, or behavior (see FPS BOE [Policy 6154AR](#))
- 90% will be based on summative assessments based on a minimum of four assessments (see FPS BOE Policy 6146AR)

End-of-the-Course Grade:

- 90% of the overall course grade will reflect the student's mastery of course content and skills during the school year through the Cumulative/In-Progress Grade.
- 10% of the End-of-the-Year course grade will be based on the Final Assessment.

Grade Reporting

- All grades will be communicated through Infinite Campus
- Summative assessment results will be reported back to the student within ten school days from the date of submission or the due date.

Guidelines for Late Work (see FPS BOE Policy 6146AR):

- Late work will be accepted for both summative and formative tasks within a defined timeline agreed upon between the student and the teacher
- The total points may be reduced as a penalty for late work

**MATERIALS:**

Insert Course Materials Here (ie. Textbook, Binder, Calculator, Highlighters)

**EXPECTATIONS OF STUDENTS:****EXTRA HELP:**

Insert Course Expectations Here