

11_Eliminating Tobacco Use & Using Alcohol Responsibly

Content Area: **Science**
Course(s):
Time Period: **Full Year**
Length: **2-3 weeks**
Status: **Published**

General Overview, Course Description or Course Philosophy

This course is a university level course which tests student's knowledge of the impact of lifestyle on one's overall health and well-being including on their physical, mental, and emotional status. It examines interventions to improve health in the areas of nutrition, physical fitness, stress management, disease prevention, and addiction use disorders . An examination by Rutgers University is required to obtain 3 college credits and an official transcript from the university.

OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS

Students will understand that:

- There are hazards of cigarette smoking, e-cigarettes, hookahs, bidis, clove cigarettes, and smokeless tobacco
- Physiological effects of tobacco exist
- There are effects of smoke on nonsmokers, including children
- There are strategies for smoking cessation and ways to limit tobacco's damage to society
- There the prevalence of drinking alcohol and reasons and attitudes toward drinking among college students
- There are effects of alcohol on the body.
- Blood is changed by alcohol consumption
- There are effects of alcohol on behavior
- There are long-term effects of alcohol overconsumption
- There is a difference in alcohol use disorder and alcoholism
- There are the stages of alcoholism and how alcohol affects both the family and the

alcoholic

CONTENT AREA STANDARDS

SCI.HS-LS1-3	Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
SCI.HS-LS1-2	Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms.
VHEL.9-12.9.4.12.H.4	Demonstrate knowledge of human structure and function as well as diseases and disorders to pursue the full range of postsecondary education and career opportunities in this cluster.

RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)

WRK.9.2.12.CAP.2	Develop college and career readiness skills by participating in opportunities such as structured learning experiences, apprenticeships, and dual enrollment programs.
TECH.9.4.12.CI.2	Identify career pathways that highlight personal talents, skills, and abilities (e.g., 1.4.12prof.CR2b, 2.2.12.LF.8).

STUDENT LEARNING TARGETS

Declarative Knowledge

Students will understand that:

- the hazards of cigarette smoking, e-cigarettes, hookahs, bidis, clove cigarettes, and smokeless tobacco
- to identify the physiological effects of tobacco
- the effects of smoke on nonsmokers, including children
- the strategies for smoking cessation and ways to limit tobacco's damage to society
- the prevalence of drinking alcohol and reasons and attitudes toward drinking among college students
- the effects of alcohol on the body.

- blood alcohol concentration
- the effects of alcohol on behavior
- the long-term effects of alcohol overconsumption
- the difference between alcohol use disorder and alcoholism
- the CAGE questionnaire
- the stages of alcoholism and how alcohol affects both the family and the alcoholic

Procedural Knowledge

Students will be able to:

- Describe the hazards of cigarette smoking, e-cigarettes, hookahs, bidis, clove cigarettes, and smokeless tobacco
- identify the physiological effects of tobacco
- Discuss the effects of smoke on nonsmokers, including children
- Discuss strategies for smoking cessation and ways to limit tobacco's damage to society
- Discuss the prevalence of drinking alcohol and the reasons and attitudes toward drinking among college students
- Describe the effects of alcohol on the body.
- Describe blood alcohol concentration
- Discuss the effects of alcohol on behavior
- Describe the long-term effects of alcohol overconsumption
- Describe alcohol use disorder and alcoholism
- Understand the CAGE questionnaire
- Describe the stages of alcoholism and how alcohol affects both the family and the alcoholic

EVIDENCE OF LEARNING

Formative Assessments

- Worksheets
- Group projects
- Current events

Summative Assessments

- Benchmarks – departmental benchmark given at the end of MP1, MP2, or MP3 & MP4 b(Semester Based Course)
- Alternative Assessments
 - Lab inquiries and investigations
 - Lab Practicals
 - Exploratory activities based on phenomenon
 - Gallery walks of student work
 - Creative Extension Projects
 - Build a model of a proposed solution
 - Let students design their own flashcards to test each other
 - Keynote presentations made by students on a topic
 - Portfolio

RESOURCES (Instructional, Supplemental, Intervention Materials)

Health and Wellness, 11th Edition

ISBN-13: 978-1449687106

ISBN-10: 1449687105

INTERDISCIPLINARY CONNECTIONS

- Informal writing
- Data Analysis
- Computations

ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS

See link to Accommodations & Modifications document in course folder.