

# Disease Prevention in Education

## EEND and MSED-736

Template 2018 Section TMPL 3 Credits 02/28/2018 to 07/29/2100 Modified 09/09/2020

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## MISSION STATEMENT

As a Catholic university rooted in the liberal arts, we are a welcoming community of learners challenged by Franciscan values and charisma, engaged in a continuous pursuit of knowledge, faith, wisdom, and justice, and ever mindful of a tradition that emphasizes reverence for creation, compassion and peacemaking. We strive for academic excellence in all programs, preparing women and men to contribute to the world through service and leadership.

## Description

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Provides an overview of the principles and practices related to the cause, prevention, and control of disease. Emphasis will be placed upon understanding the occurrence and distribution of disease, risk factors for disease, and how to gauge and track incidence and prevalence disease rates. Candidates will be introduced to the major causes of morbidity and the behavioral and environmental contributions to illness and injury. Strategies for risk reduction and the development and implementation of interventions will be presented.

## Objectives

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### College of Education Mission

The mission of the College of Education is to prepare competent and caring educators who understand students, serve the community and develop professionally to become ethical decision-makers and leaders.

#### Understanding Students

Candidates will be able to assist students with understanding prevention education as it relates to diseases.

#### Serving the Community

Candidates will be able understand how to reduce the development and spread of diseases that impact the school and community environment.

#### Finding Our Professional Selves

Candidates will strengthen their knowledge of the importance of disease prevention as part of an overall healthy lifestyle.

## Outcomes

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Access to standards referenced in this section can be found [HERE](https://myusf.stfrancis.edu/portal/secure/content/8F295CCBB83C48C882D94A15B887B320)  
(<https://myusf.stfrancis.edu/portal/secure/content/8F295CCBB83C48C882D94A15B887B320>)

By the conclusion of the course, each participant will be able to do the following:

1. Candidates will identify behavioral and environmental influences that impact health outcomes. (HETE: 1a, 1b)

2. Candidates will investigate theories concerning the causation of diseases. (HETE: 1a, 1b, 1d)
3. Candidates will identify the elements of the epidemiologic triangle as it relates to infectious diseases. (HETE: 1a)
4. Candidates will apply the health belief model to analyze an individual's readiness for health behavior change. (HETE: 1a, 1b, 1d, 2b)
5. Candidates will identify reliable, accurate and applicable resources relating to the cause, prevention, and control of disease. (HETE: 1a, 1d)
6. Candidates will identify developmentally appropriate methodology to convey common diseases and body system disorders content. (HETE: 1c, 2b, 2c, 3a–3c)
7. Candidates will compare lifestyle choices and the prevention of disease. (HETE: 1a, 1d)
8. Candidates will identify elements in quality prevention education programs for smoking cessation. (HETE: 1a, 1c, 1d)
9. Candidates will create age-appropriate activities to communicate the importance of reproductive health disease prevention. (HETE: 1c, 2b–2d, 3a–3c, 4b)
10. Candidates will compare patient care practices and the impact on personal wellness. (HETE: 1a)
11. Candidates will develop effective learning opportunities integrating multiple aspects of disease education, awareness, prevention, and treatment. (HETE: 1c, 2b–2d, 2f, 3a–3c)
12. Candidates will identify social stigma concerns related to mental health. (HETE: 1a, 3d)

## Materials

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Beale, L. (2017). *Human Disease and Health Promotion*. Publisher: Wiley, John & Sons, Inc

## Assignments

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### Discussions

Candidates will participate in weekly discussions about topics related to various body system diseases and disorders. Topics will address prevention education, treatment and other related aspects of disease education.

- Course Objectives 1, 3, 5, 6, 8, 9, 10, 12
- Standards 1a, 1c, 1d, 2b–2d, 3a–3c, 4b

### Health Determinants

Candidates will identify health determinants and associating risk and protective factors as well as reduction strategies.

- Course Objective 1
- Standards 1a, 1b

### Theories of Diseases

Candidates will analyze various theories of causation of disease.

- Course Objective 2
- Standards 1a, 1b, 1d

### Strategies for Disease Prevention

Candidates will interview a subject and assess and based upon information gained from the interview, apply the Health Behavior Model.

- Course Objective 4
- Standards 1a, 1b, 1d, 2b

### Immune System Lesson

Candidates will develop a two-day lesson plan associated with the immune system. Lesson development will surround the body's natural defense mechanisms as well as modern science influences for prevention of disease.

- Course Objective 6

- Standards 1c, 2b, 2c, 3a–3c

### Cardiovascular Disease Infographics

Candidates will develop a visual illustrating the association of healthy lifestyle choices and decreased risk of cardiovascular disease.

- Course Objectives 6, 7
- Standards 1a, 1c, 1d, 2b, 2c, 3a–3c

### Digestive System Disorders

Candidates will research a variety of digestive system disorders which will include identifying causation, signs/symptoms, prevention, and treatment.

- Course Objective 6
- Standards 1c, 2b, 2c, 3a–3c

### Lesson Plan on Skin Cancer Awareness and Prevention

Candidates will develop a lesson plan related to skin cancer awareness and prevention.

- Course Objectives 6, 7
- Standards 1a, 1c, 1d, 2b, 2c, 3a–3c

### Final Project: Unit Plan

Candidates will develop a comprehensive unit plan including multiple aspects of disease prevention and education. Lessons will be student-centered and supported by state and national standards.

- Course Objective 11
- Standards 1c, 2b–2d, 2f, 3a–3c

## \* Course Policies

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### Policies for the College of Education at University of St. Francis

[CLICK HERE \(https://myusf.stfrancis.edu/portal/secure/content/8F295CCBB83C48C882D94A15B887B320\)](https://myusf.stfrancis.edu/portal/secure/content/8F295CCBB83C48C882D94A15B887B320) (requires active student account) for policies, including but not limited to:

- Method of Instruction
- Expectations of Candidates
- Online Courses
- Attendance Policies for Site-Based and Online Courses
- Minimum Standards for Writing
- Computer and Digital Information Literacy Skills

## Course Evaluations | Surveys

Information gathered through course evaluations and surveys is an important part of maintaining quality and continuous improvement in courses, and it is the University's expectation that students will thoughtfully participate in this evaluation process.

## Institutional Policies

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Students should use the USF portal as the first resource for guidance and support on items such as student complaints, safety, security and transportation questions, contact information for various USF departments, student support services such as counseling and academic resources. Information on these resources can be found in the *For Students* section of the USF portal.

A complete listing of university policies and procedures can be found in the [University of St. Francis Catalog \(https://www.stfrancis.edu/academics/university-catalog/\)](https://www.stfrancis.edu/academics/university-catalog/) and Student Handbooks.

## Academic Integrity

Academic integrity requires that all academic work be wholly the product of an identified individual or individuals. Collaboration is only acceptable when it is explicitly acknowledged. Ethical conduct is the obligation of every member of the University community, and breaches of academic integrity constitute serious offenses. Since a lack of integrity hinders the student's academic development, it cannot be tolerated under any circumstances. Violations include but are not limited to: cheating, fabrication, facilitating academic dishonesty, plagiarism, and denying others access to information or material. See the [University of St. Francis Catalog \(https://www.stfrancis.edu/academics/university-catalog/\)](https://www.stfrancis.edu/academics/university-catalog/) for further clarification and information on grievance procedures.

## Services and Accommodations for Students with Disabilities (ADA)

The University strives to be in compliance with the Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA). A student who requires special accommodations or arrangements due to a disability should contact the Office of Disability Services. This contact preferably should occur no later than the first week of classes. Early contact before the semester starts is encouraged to allow sufficient time to provide accommodations. Extra time is needed for some types of accommodations such as sign language interpreters or special text formatting. Should a need arrive after the start of a semester, the student is encouraged to contact the Office of Disability Services as soon as possible. Note that accommodations are not retroactive. Each case will be reviewed on an individual basis to determine reasonable and appropriate accommodations.

USF is committed to ensuring the full participation of all students in its programs, regardless of the course format. If you have a documented disability and need a reasonable accommodation to participate in a course, complete course requirements, or benefit from the University's programs or services, please contact the Office of Disability Services at [815-740-3631](tel:815-740-3631) or [ODS@stfrancis.edu](mailto:ODS@stfrancis.edu). The Office of Disability Services is in the Academic Resource Center (ARC) and is located on the second floor of the LaVerne and Dorothy Brown Library in room L214. Consultations are welcome, please contact the Office of Disability Services for an appointment.

## Notice of Copyright

This course may contain copyrighted materials that are intended to support the learning experiences of students currently enrolled in the course. No student may retain or further disseminate any copyrighted materials, in their entirety or any portion thereof, under penalty of law.

## Technology Support

1. The Department of Academic Technology (DAT) administers the learning management system Canvas. If you are experiencing any difficulty using Canvas or need technical assistance, you have several options to receive support, including:
  - a. 24x7 Live Canvas Support. If you experience technical difficulties or have a question about Canvas, you can receive support 24 hours a day 7 days a week through the Canvas help menu. From the help menu, select **Chat with Canvas Support** for a "live" text-based click-to-chat session,
  - b. select **Report a Problem** to send an email support request, or speak to someone directly by using the toll-free number listed under the Canvas Support Hotline.

**NOTE:** Responses to Canvas' email-based Report a Problem request system will go to your USF stfrancis.edu email account, NOT your personal email.

2. Online Self-Service Help Resources. A student user guide and other resources for solving issues related to Canvas can be found at [LearnItNow \(http://learnitnow.stfrancis.edu\)](http://learnitnow.stfrancis.edu).

3. Telephone Support from DAT. You can also phone the Department of Academic Technology for personal help at (815) 740-5080 or (866) 337-1497 (toll-free) between 8 a.m. and 4 p.m. Central Standard Time, Monday through Friday.

For any technical support issues that are not related to Canvas, please contact the USF Technology Support Center (TSC). You can reach them via:

- Phone: 1-815-768-TECH (8324)
- Email: [techsupport@stfrancis.edu](mailto:techsupport@stfrancis.edu)
- Web: [Technology Support \(http://techsupport.stfrancis.edu\)](http://techsupport.stfrancis.edu)

- Or visit them on the first floor of Marian Hall

## Academic Support Services

The Academic Resource Center (ARC) located in Room L214 in the Library (815-740-5060) offers various types of academic services. Online and distance learning students can contact ARC for appropriate resources. ARC serves students who need tutoring in many areas of study including writing and math. Library services include a number of online services and full text databases. Call the Library at 815-740-5041 for additional information. If you need academic-related resources or assistance, please contact the Academic Resource Center.