**ASSIGNMENT NURS 2830 WINTER 2019**

**EPIDEMIOLOGICAL SCHOLARLY PAPER**

**Assignment Overview:**

The purpose of this assignment is to explore, from an epidemiological perspective, a chronic disease. You can choose any of the chronic or degenerative illness or diseases in the Health and Healing 4 course. In order to do this, you will need to find a minimum of three academic sources and also access statistical data. For example, Statistics Canada health information is available at: <http://www5.statcan.gc.ca/subject-sujet/theme-theme.action?pid=2966&lang=eng&more=0>

**Guidelines:**

1. Your finished assignment should be no more than 7 pages long, excluding title page and references.
2. Reference your work as per APA guidelines.
3. As this is not a paper, you can answer the questions in an assignment format. You will need a title page and a reference page. Use headings for organization. You do not need a table of contents.
4. You will work independentlyand submit one assignment each. Please ensure you’re your student number is clearly stated on the title page.
5. Please refer to the NURS2830 manual and the BSN Handbook for general assignment guidelines. Please note the TRU policy on academic integrity, accessed at <http://www.tru.ca/__shared/assets/ed05-05657.pdf>. Any work submitted that appears to be plagiarized from another student group will be penalized. . If you need clarification about any of the policies, please contact me.
6. All assignments will be handed in by 0830h on the due date. Please note the policy on late assignments in the N 2830 manual.

**Assignment is due: Section one and two – March 25th at 0830hrs.**

1. **Total: 30 Marks (20% of final grade)**

**Learning Objectives:**

* To identify and access sources for epidemiological data
* Describe and understand a chronic disease from an epidemiological perspective

**Assignment Guidelines and Evaluation:**

1. Briefly define the disease that you are going to apply to this assignment. Describe the pathophysiological changes that occur (4 **marks).**
2. Demographic data: Who is likely to develop this disease from the perspective of gender, heredity, age, and/or geography? **(2 marks)**
3. What are the statistics internationally, nationally, provincially *or* regionally regarding the incidence, prevalence and mortality of this disease? (Use Canadian statistics where possible). Include trends if available. Discuss the significance of the statistics.

**(4 marks)**

1. What are primary risk factors for the development of this disease? What makes the identified populations more at risk? Include pathophysiological changes where applicable. (state **two** primary risk factors and the rationale – **4 marks)**
2. State two primary protective factors to reduce the risk of developing this disease. Include rationale **(4 marks**).
3. Provide examples of actual or potential disease prevention and/or control strategies at each of the following levels: **( Total - 3 marks)**

a. Clinical preventative services

b. Media and policy advocacy

c. Environmental interventions

How have nurses (or how can nurses) be involved at each of these levels? **(3 marks)**

1. For your chosen chronic disease, can you find examples in BC of all three levels of prevention (primary, secondary and tertiary)? If so, please identify. If not, state why not and what may be a realistic prevention and/or control strategy**. (total 3 marks)**
2. Identify and discuss one of the following: knowledge gaps in research, limitations to health care services, or upcoming research or treatment **(one mark).**
3. Format of Assignment: **(two marks)**

* Correct APA style with good integration and accurate documentation of all references.
* Appropriate and relevant references.
* Well-constructed assignment that demonstrates scholarly writing
* Accurate punctuation, spelling and grammar.