# Requirements

HINF140: Research Paper

* Title page: Title of paper, course, date, student name and number.
* Introduction: What is the paper about? Introduce the topic and define the issue. Describe your approach and scope of the paper. What do you want the reader to learn? (10 marks)
* Description of the challenge or issue: what is the issue you are addressing? Who or what does it impact? (10 marks)
* Historical context: How did the issue arise? What are the political, policy, social, value, economic, ethical and/or practice conditions? What are the consequences of the issue not being resolved? (10 marks)
* Current status of the challenge or issue: What forces, phenomena and/or conditions are influencing the issue? What is your critical assessment of those? How strong or weak is the evidence surrounding the issue? (20 marks)
* Discussion of the appropriate and/or necessary steps in resolving the issue: What should be done? What does the future hold? (20 marks)
* Concluding remarks: Summarize your paper. (10 marks)

Rubric:

* References: Please use APA style <https://www.uvic.ca/library/research/citation/documents/apa.pdf>
* Style and grammar. (10 marks)
* Readability and logic (10 marks)
* All Necessary sections

A+, A, A- This is earned by work which is technically superior, shows mastery of the

subject matter, and is the case of an A+ offers original insight and/or goes

beyond course expectations.

HINF280: Information System Design (4 at least):

the assignment should answer

* “What information is needed by whom to do what?”

For each level of the disease progression (before disease, once diagnosed, after complications appear, to death):

* What are the risk factors for this disease
* Who is (are) the decision maker(s)?
* What data should be collected and what information must be fed to who?
* What is (are) the objective(s) of collecting and providing information? What are we trying to do with the information and Why?
* What is the best medium of information collection?
* What is the frequency of collecting this data/information?

Evaluation of the Assignment:

* Maximum total length of the paper is 4 paged single spaced and 8 pages
* double spaced.
  + Appendices are not counted within the page limit.
* A minimum of 12pt characters must be used with one inch or 2.54 cm borders.
* 70%
  + Correct identification of critical factors in each stage of the disease,
  + identification of patient and health system objectives for patient at various stages of the disease,
  + identification of critical data required (lab, examination, patient reported tests) for decision making,
  + identification of system linkages required for information transfer establishes
* A system relationship diagram(s) will establish 20% of the total mark.

Rubric:

* Required sections
* 10% is dedicated for quality of writing and referencing (logical flow, clarity, brevity, factual, without duplications)

# Notes

* There are some drug companies that have been given a license to produce and sell cocaine
* Controlled Drugs and Substances Act
* Opioid Crisis
  + Health Canada has called the continuing number of opioid related overdoses and deaths a national crisis.
  + It has sanctioned a number of initiatives to address the problem.
  + 17,602 apparent opioid toxicity deaths between January 2016 and June 2020
  + 1,628 apparent opioid toxicity deaths occurred between April and June 2020, representing the highest quarterly count since national surveillance began in 2016. This number also represents a 58% increase compared to January to March 2020 (1,029 deaths) and a 54% increase from the same time frame in 2019 (1,059 deaths).
  + In 2020 (January to June), 97% of apparent opioid toxicity deaths were accidental (unintentional).
* There is a law that says you have a right to make your medical decisions regardless of your age
  + “An athlete was prescribed fentanyl for many injuries and died at home due to overdose”
* Litigation and the opioid crisis
  + On November 24, 2020, the manufacturers of OxyContin, Purdue Pharmaceuticals, settled on a guilty plea with United States (US) federal prosecutors for their role in the opioid epidemic.
  + They pled guilty to charges of conspiracy to defraud the US, violation of federal healthcare reimbursement laws, and sale of opioids to doctors they suspected of writing illegal prescriptions.
  + The guilty plea provides for over 8 billion USD in forfeitures, which could bring the company’s cost from opioid litigation to as much as 12 billion USD.

Resources