

HLTH 4366 01 - Health Informatics

Bonus/Extra Credit

Chapter 12 - What Lies Beyond the Current State of HIS & Technology?

Your extra credit assignment is to write an essay covering the Chapter 12 topics listed below. The assignment is due on April 25, 2021.

Chapter 12 pertains to the future of HIS and Technology. It acknowledges the application of emerging technologies in its infancy in health care and public health.

The Coronavirus (COVID-19) has challenged health care organizations to incorporate technology into engaging and caring for patients in ways previously resisted. It has also given health informatics a significant voice in the public health arena.

Eric Topol (author of *The Creative Destruction of Medicine*) argues that “radical innovation and a true democratization of medical care are within reach, but only if we as consumers demand it. We can force medicine to undergo its biggest shakeup in history.”

Your 2 essay topics are listed below:

1. What is your interpretation of this statement?
2. Name several emerging technologies used to support HIS. Consider the impact of new technologies in your daily life, pre and post pandemic.

Examples includes televisits, video conferencing, mobile health/devices, electronic health records, social media, and patient portals. Explain if/how future technology improves the delivery of patient care.

Please follow the required criteria listed below:

Value: This assignment is worth 6 bonus points.

Minimum # of Pages: The essay should be 4 double spaced pages:

- 1 Title page
- 2 Topic/Content pages – One page per topic
- 1 Reference page

Separate Heading: To clearly distinguish the responses, each topic must have a separate heading and be listed in numerical order as shown above.

Spell Check: Please use spell check to ensure grammar and punctuation is correct.

Points will be deducted for grammatical errors and/or incorrectly spelled words.

Formatting: MLA formatting is not required.

Resources: Use the PowerPoint slides, textbook and references at the end of the chapters when formulating your responses. You can also use the references listed below.

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Resources:

Listed below are several additional excellent Health Informatics sources:

- American Health Information Management Association (AHIMA) - <https://www.ahima.org/>
- American Medical Informatics Association (AMIA) - <https://www.amia.org/>
- American Nursing Informatics Association (ANIA) - <https://www.ania.org/about-us>
- American Telemedicine Association - <https://www.americantelemed.org/>
- Agency for Healthcare Research and Quality - <https://www.ahrq.gov/>
- HIT Consultants - <https://hitconsultant.net/>
- Healthcare Information and Management Systems Society (HIMSS) - <https://www.himss.org/resources/health-informatics>
- International Medical Informatics Association (IMIA) - <https://imiamedinfo.org/wp/welcome-to-imia-the-international-medical-informatics-association/>
- National Library of Medicine - <https://www.nlm.nih.gov/>
- World Health Organization - <https://www.who.int>