AHXR 100.01: Introduction to Diagnostic Imaging

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Recommended Citation
Funsch, Daniel J., "AHXR 100.01: Introduction to Diagnostic Imaging" (2018). Syllabi. 9117.
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AHXR 100 Introduction to Diagnostic Imaging

RELATIONSHIP TO PROGRAM
This introductory course sets the context for all other classes and clinical requirements of the A.A.S. degree program. Content provides an introduction to the scientific, technological, patient care, and professional perspectives of Medical Imaging.

COURSE DESCRIPTION
Course relies on directed readings, in-class lectures, on-line modules, and guest speakers to provide an overview of the health care industry in general, and medical imaging in particular.

PREREQUISITES: Students must have completed all Program pre-requisites


STUDENT ASSESSMENT AND GRADING
The final grade will be based on:
- Quizzes & Exams based on textbook readings
- Participation/attendance in class & outside events
- Completion of “Health Care Essentials” modules

Grading Scale:
- 100 - 90 = A
- 89 – 80 = B
- 79 – 70 = C
- 69 – 60 = D

*Syllabi are subject to change
STUDENT LEARNING OBJECTIVES & OUTCOMES

Upon completion of this course, the student will be able to:

1. Identify health science professions that participate in the patient’s total health care.
2. Identify various settings involved in the delivery of health care.
3. Discuss the reimbursement/payment options for health care services.
4. Discuss the role and value of a mission statement to the operation of health care institution.
5. Describe relationships and interdependencies of departments within a health care institution.
6. Identify and discuss the responsibilities and relationships of all personnel in the radiology department.
7. Differentiate between accreditation types.
8. Define credentialing, national certification, and registration and state licensure.
9. Describe the types, purposes and functions of professional organizations.
10. Discuss career advancement and opportunities for the radiographer.
11. Apply the word-building process of medical terminology.
12. Interpret medical abbreviations and symbols.
13. Critique orders, requests and diagnostic reports.
15. Translate medical terms, abbreviations and symbols from medical reports into layman’s terms.
16. Identify the benefits of continuing education as related to improved patient care and professional enhancement.
17. Explain select concepts embodied in the principles of patients’ rights, the doctrine of informed (patient) consent and other issues related to patients’ rights.
18. Discuss the origins of medical ethics.
19. Explain legal terms, principles, doctrines and laws specific to the radiologic sciences.
20. Identify standards for informed consent and disclosure of protected health information.
21. Describe how consent forms are used relative to specific radiographic procedures.
<table>
<thead>
<tr>
<th>Week of</th>
<th>READING ASSIGNMENT</th>
<th>Assignment/Due date</th>
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<tbody>
<tr>
<td>August 27</td>
<td>Class Introduction</td>
<td>Purchase textbook</td>
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<tr>
<td>September 3</td>
<td>In class lecture on Chapter 1</td>
<td>Read Chapters 1 - 3</td>
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<td>September 10</td>
<td>In class lecture on Chapters 2 &amp; 3</td>
<td>Read Chapter 4</td>
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<tr>
<td>September 17</td>
<td>In class lecture on Chapter 4</td>
<td>Study for test</td>
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<td>September 24</td>
<td>In class Test on Chapters 1 - 4</td>
<td>Read Chapter 5</td>
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<td>October 1</td>
<td>In class lecture on Chap 5</td>
<td>Read Chapter 6</td>
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<td>Read Chapter 7</td>
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<td>October 15</td>
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<td>Read Chapter 9</td>
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<td>December 10</td>
<td>Final Exam</td>
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