

**HLTH 3305  
US Healthcare System**

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Class: Fridays  
1:00-3:45  
HH 2.502

**Course Description:**

The American healthcare system is one of the best and is one of the worst. The American healthcare system offers the most advanced innovation in information and health technology. Yet, it manages to fail many of its own citizens. The American healthcare system spends over \$8,000 per patient per year, nearly double the next highest country, the United Kingdom. Yet, the Americans experience the highest rate of infant mortality, teenage pregnancy and diseases that can be prevented. The American healthcare system is plagued with disparity in quality of healthcare services.

In this class we will briefly explore the history of medical education in the United States; examine the influence of our social, cultural and other factors on our current health and well-being and healthcare system. We will discuss the basic concepts of epidemiology and medical anthropology before discussing the infrastructure of our healthcare system. We will spend a good portion of our time on Affordable Healthcare Act and its potential impact on our society. Additionally, we will discuss the latest changes in healthcare practice, laws, and technological trends that impact our current healthcare delivery system.

**Course Objectives:**

- 1) To identify the various components of the U.S. health care system.
- 2) To understand the different types of payment sources for health care.
- 3) To understand the role of the government in health care
- 4) To develop awareness of the complexity and interconnectedness of the multiple components of the health care system and their impact on providers
- 5) To learn, understand and analyze the latest trends and changes in American healthcare
- 6) To identify the value and benefits of teamwork and group approach
- 7) To learn and have fun while learning.
- 8) To recognize that our limitations are self-imposed and the sky is our only limitations

**Course Requirements and Grade Policy:**

Our health and well-being are consequences of our personal experiences and knowledge. Therefore, I strongly encourage class participation, discussion and share of thoughts and ideas. Throughout the course, I will share with you published articles, experts' opinions, communication, the latest disseminated innovations and changes related to our healthcare system. *You are required to study these handouts and prepare an excerpt of these articles based on your understanding.* These handouts will be reviewed during our regularly scheduled class time; quizzes will cover these handouts as well as the lectures.

**Course Administrative Issues:**

Our class is scheduled as a 90-minute session twice per week. We will take a 10-minute break after the first 45 minutes before proceeding to the next 45 minutes. Should there be a need to leave the class during the lecture, students must egress the class-room without disturbing other students. Arriving late is disruptive to class activities and may affect your attendance and participation grade. If you have a legitimate reason for being late, please inform Professor Stark ahead of time.

**Cell phones/electronics must be turned off during class time.**

UTD email: All university and course communication is conducted via the student’s UTD email account. It is the student’s responsibility to check UTD email and respond accordingly.

Course syllabus, handouts and copies of lecture slides will be posted on e-blackboard. Students are required to check the e-blackboard on a regular basis.

**Textbook**

Delivering Healthcare in America  
A System Approach  
7<sup>th</sup> Edition  
Authors: Leiyu Shi and Douglas A. Singh  
Publisher: Jones & Bartlett Learning Publishing Company  
Burlington, MA

A copy of the textbook has been put on reserve.

Journal articles

Journal articles are posted on e-learning and you are required to study these articles.

**Recommended**

*An Introduction to the U.S. Health Care System*  
5<sup>th</sup> Edition  
Author: Steven Jonas  
Springer Publishing Company  
New York

**Grading and Grading Policy:**

Three exams will be administered during the semester. The purpose is to give you the opportunity to review the terms and concepts and therefore to reinforce your learning.

Three exams will be administered during the semester. Format of each exam will be multiple choice and short answers.

Exam will cover lecture notes, assigned journal articles and textbook chapters.

Exam 1	30%
Exam 2	30%
Exam 3	40%

**Extra Credit:** If you find an interesting and informative article related to US healthcare; you are strongly recommended to share your findings with the class by giving a brief (5-10 minutes) talk about the paper. Describing the objectives of the paper and findings and conclusions. For your effort, **5 points will be given toward your final grade.** This practice will be an exceptional exercise for your public presentation and public impromptu speeches. These skills are crucial in advancing your professions and your careers. If you are interested in presenting, please talk to Professor Stark in advance. Each student can present a maximum of two presentations.

#### **Grade Classification**

A+	96-100
A	93-95.9
A-	90-92.9
B+	86-90
B	83-85.9
B-	80-82.9
C+	76-80
C	73-75.9
C-	70-72.9
D+	66-70
D	63-65.9
D-	60-62.9
F	≤59

## Course Schedule and Lecture Topics:

Session	Date	Description
Week 1		
	8/24/2018	Introduction: Overview of syllabus Overview of US healthcare issues Health Statistics of the US population US Healthcare System: An Introduction An over view of the US healthcare system US healthcare historical background Socio-political events that have influenced US healthcare system Flexner Report and its impact on the structure of medical training in the US Determinants of Health

**Assignment 1:** 100 Years After the Flexner Report: Reflections on Its Influence on Chiropractic Education. J of Chiropractic Education 2010; 24:145-152.

**Assignment 2:** The Meaning of Race in Healthcare and Research- Part 1; The Impact of History

**Book Chapters:** Chapter 1; pages 1-22 (You do not need to study Healthcare Systems in Other Countries); Chapters 2 and 3

## Week 2

9/7/2018	Health Services and Healthcare Professionals Physicians Nurses (Advanced Practice Nurses, Registered Nurses) Dentists Pharmacists Physician Assistants Physical Therapists Pathologist Assistants Healthcare Administrators Medical Technologists Histology Technicians Radiology Technicians
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**Assignment 3:** Florence Nightingale; Lighting the way for the future of nursing Nursing; December 2017.

**Assignment 4:** From Pulling Teeth to Promoting Oral Health: Pharmacy and Dentistry 1815-2015

**Book Chapter:** 4

Week 3

9/14/2018

Medical and Information Technology  
Application of Newest Technology in the Delivery of Care  
International Classification of Diseases (ICD-10)  
Current Procedural Terminology (CPT)  
Healthcare Financing  
Health insurance  
Medicare  
Medicaid  
Children Health Insurance Plane (CHIP)  
HMO vs. PPO  
Fee-for-Service  
Narrow Network  
Out of Pocket Expenditure  
Pay-for-Performance

**Assignment 5:** Health Data and Privacy in the Digital Era.

**Assignment 6:** Site of Death, Place of Care, and Healthcare Transitions Among US Medicare Beneficiaries, 2000-2015.

**Book Chapters:** 5, 6 and 9

Week 4

9/21/2018

Out-patient and primary care services  
US Preventive Services Task Force  
Patient-Centered Delivery of Care  
Shared Decision Making  
Value-based healthcare delivery  
Medical groups vs. solo practices

**Assignment 7:** The Patient-Centered Medical Home: History, Components, and Review of the Evidence.

**Assignment 8:** The Unsustainable US Healthcare System: A Blueprint for Change

**Book Chapter:**7

Week 5

9/28/2018

Exam 1

Hospitals and Hospital Administration  
Healthcare systems  
Types of hospitals  
For-profit vs. not-for-profit hospitals  
The Magnet Recognition Program  
Joint Commission  
Accreditation Process  
Agency for Healthcare Research and Quality  
Safety Net Hospitals

Week 6 &7

10/05/2018	Exam will be returned and reviewed
10/12/2018	Hospitals and Hospital Administration Healthcare systems Types of hospitals For-profit vs. not-for-profit hospitals The Magnet Recognition Program Joint Commission Accreditation Process Agency for Healthcare Research and Quality Safety Net Hospitals

**Assignment 9:** US Healthcare System: We Can Do Better.

**Assignment 10:** Brief History of Quality Movement in US Healthcare

**Book Chapter:** 8 and Chapter 12, pages 496-498

Week 8-10

10/19/2018	Changes in the US Demographic Structure
10/26/2018	Impact on the Delivery of Care
11/02/2018	Center for Medicare and Medicaid Center for Medicaid and Medicaid Innovation Bundled Payment for Care Improvement Long-Term Care Assisted Living Hospice and End of Life Care Insurance for long-term care

**Assignment 11:** Evaluation of Medicare's Bundled Payments Initiatives for Medical Conditions

**Assignment 12:** What Works and What Doesn't Work Well in the US Healthcare System

**Assignment 13:** Why the US healthcare system is failing, and what might rescue it

**Assignment 14:** Medicare in the USA: A review of 45 years in health provision

**Book Chapter:**10

Week 11	11/09/2018	Exam 2 Future of Medicine and healthcare services
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Week 12	11/16/2018	Exam 2 will be returned and reviewed Future of Medicine and healthcare services
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**Assignment 15:** The Meaning of Race in Healthcare and Research- Part 1; the Impact of History

**Assignment 16:** Tele-sonography in emergency medicine: A systematic review

**Assignment 17:** Precision Medicine and Radio-genomics in Breast cancer: New Approaches toward Diagnosis and Treatment

**Assignment 18: Precision Medicine Informatics**

Week 13                      Fall Break and Thanksgiving Holiday

Week 14                      11/30/2018                      Review and catch up

Week 15                      12/7/2018                      Comprehensive Exam 3