

College of Osteopathic Medicine Course Syllabus

Course Details & Information:

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| Course Name | Introduction to the History of Medicine |
| Course Number | HMNTS 1111 |
| Graduating Class Year | Class of 2018 |
| Discipline | DO |
| Course Option Type | Required |

Course Administration & Duration:

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|-----------------|---|--------|-----------------------|
| Department | Behavioral Medicine, Medical Humanities and Bioethics | Method | Lecture |
| Course Director | Gary L. Hoff, D.O., FACOI, FACC | | |
| Credit Hours | 1.0 | Dates | 8/11/2014 – 8/29/2014 |

Text or Required Readings:

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|---------------------------|---|
| I. REQUIRED | <ul style="list-style-type: none"> Gevitz, Norman, <u>The D.O.'s Osteopathic Medicine in America</u>, 2nd Edition; John's Hopkins University Press, 2004. (Also available as an ebook through the Library catalog) |
| II. RECOMMENDED | <ul style="list-style-type: none"> Porter, Roy, <u>The Greatest Benefit to Mankind</u>; W.W. Norton & Co., 1997. |
| III. ADDITIONAL RESOURCES | <ul style="list-style-type: none"> Duffin, Jacalyn, <u>History of Medicine: A Scandalously Short Introduction</u>, 2nd Edition; University of Toronto Press, 2010. Magner, Lois, <u>A History of Medicine</u>, 2nd Edition; Informa Healthcare, 2005 Trowbridge, Carol, <u>Andrew Taylor Still: 1828-1917</u>, Reprint; Truman State University Press, 2008. |

Introduction:

As a first-year student in the College of Osteopathic Medicine, you have become a part of the osteopathic profession. It is important for you to understand and appreciate the beginnings of your new profession, dating as it does from prehistory through the new age of the current century.

Beginning with the roots of the healing art, this course will explore development, philosophy, and scientific advances in the medical profession from prehistory through the present day. We will examine Western medicine and also the contributions of other cultures to the professions of healing and place them in context.

Osteopathic history will be emphasized. Based in the philosophy of Andrew Taylor Still, osteopathic medicine has existed for well over a century, continuing to grow and prosper. Today, more patients receive care from osteopathic physicians than ever before as the general public has become more aware of the philosophy and traditions of our profession.

This short introductory course is only a beginning of your experiences and career as an osteopathic physician. We hope it will spark a lifelong study of the profession's history, traditions, and philosophy. We believe that a broad understanding of allopathic medicine plus its relation to the origins of osteopathic medicine will provide a foundation on which you can build the future of our profession.

Description:

Introduction to the History of Medicine is as an introductory course, covering the history of medicine in general, as well as the history of osteopathic medicine in particular. There will be 13 hours of lectures, 2 quizzes, and one hour-long examination. Following the course, the student will understand the broad history of the allopathic and osteopathic medical professions, particularly as an adjunct to basic science and clinical courses and systems.

Course Goals & Objectives:

Upon completion of the course, you should be able to:

1. Describe significant events in the history of medicine and the development of the medical profession.
2. Understand the contributions of other cultures to the history of Western medicine.
3. Understand the basis for A.T. Still's rejection of traditional 19th century medicine.
4. Understand how the philosophy and practice of osteopathic medicine have evolved since its origins.

Resources:

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|-------------------------|--|---------------|--|
| Course Director | Gary L. Hoff | Phone | 515-271-1351 |
| Office | Tower 1014 | E-mail | gary.hoff@dmu.edu |
| Office Hours | Varies. Please schedule all appointments through the course assistant, Marsha Clark. | | |
| Course Assistant | Marsha Clark | Phone | 515-271-1490 |
| Office | Tower 1024 | E-mail | marsha.clark@dmu.edu |
| Office Hours | Typically Monday – Friday, 8:00 am to 4:30 pm | | |

Attributes & Core Competencies:

Note: This course supports the following AOA competencies and LCME (MSOP) objectives:

- Competency 1 – Osteopathic Philosophy*
- Competency 2 – Medical Knowledge*
- Competency 4 – Interpersonal and Communication Skills
- Competency 5 – Professionalism*
- LCME (MSOP): Demonstrate knowledge of biopsychosocial determinants of health and illness and of the economic, psychological, social, and cultural factors that contribute to the development of maladies or, conversely, the promotion of health.

*denotes competencies that are assessed

Course Policies:

Lecture Attendance:
Strongly recommended. **Required** for lectures #6 and #13, as quizzes will be administered on those days following the lecture. **There will be no makeup opportunities for missed quizzes.**

Accommodations:
If you have a disability and need accommodations, you must request them by contacting the Accommodations Specialist in the Center for Academic Success and Enrichment (CASE) (accommodations@dmu.edu) and submitting an application with necessary documentation. Faculty members cannot provide accommodations directly. Please note that accommodations should be submitted well in advance of the date accommodations are needed.

Evaluation:

During the course, two brief quizzes and one electronic examination will be administered. Information included in the quizzes and examination may come from either lectures or required readings. The two quizzes will be given at the end of lecture #6 and lecture #13 respectively. **Required readings are noted in bold on the lecture/exam schedule below; all other readings are recommended only.**

A total of 120 points will be available. Each quiz will consist of 5 questions worth a total of 10 points. The examination will consist of 50 questions, and will be worth a total of 100 points. The final percentage grade for the course will be determined by adding all points earned from correct quiz and examination answers, dividing the total number of points earned by the total number of possible points (120), multiplying by 100 and rounding to the nearest whole number. The Table below will be used to convert the percentage score to a letter grade. **A passing grade is a minimum of 70% of the total points possible.**

Grading Scale is as follows:

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|------------|----|
| (97-100)% | A+ |
| (93-96)% | A |
| (90-92)% | A- |
| (87-89)% | B+ |
| (83-86)% | B |
| (80-82)% | B- |
| (77-79)% | C+ |
| (70-76)% | C |
| (<69.49)%* | F |

*Final grades will be rounded up for percentage grades of 0.50 or higher. Therefore, a final grade of 69.50% would be rounded up to a 70% (C); and a 69.49% would remain a 69% (F).

Test Question Review

There will be no formal test review date/time. Students may make an appointment with the course director or the course assistant to set up an individual time to review their exam.

Make Up Examination

If a student misses the examination, he or she must contact the course director, Dr. Hoff, at 271-1351, or by electronic mail, within three days after missing the exam or within two days of returning to campus. Requests for a make-up examination may be granted at the discretion of the course director, and then only if the reason for a missed exam is valid. If a make-up examination is allowed, it will be administered at a time established by the course director.

Remediation

A final average of < 70% is a failure in the History of Medicine course and requires remediation. If a student does not achieve a passing grade, a re-evaluation examination will be administered at the discretion of the course director. See Student Handbook for details regarding, "Re-evaluation mechanism for Year I courses and systems". A grade of "C" is the maximum grade that may be earned by re-evaluation. The transcript will reflect a grade of F/C. A failed re-evaluation must be remediated by repeating the course the following academic year.

Assignment of Withdrew (W), Withdrew Passing (WP), or Withdrew Failing (WF): A student withdrawing prior to Lecture #6 on August 19, 2014 will receive a W. A student withdrawing after Lecture #6 on August 19 will receive a WP if they are passing or WF if they are failing.

Consideration of Incomplete (I)

A student who has not completed the course but has satisfactorily completed all course requirements up to the examination may petition the course director for the assignment of an Incomplete.

Course Schedule & Examinations:

| LECTURER | | LECTURE TITLE | READING | Keywords |
|---|------|---|--|--|
| 1. | Hoff | Introduction: Classical & Roman Medicine | Porter: Chapters 2 & 3, pages 44-82 | Hippocrates, Galen |
| 2. | Hoff | Eastern Systems of Healing | Porter: Chapters 6 & 7, pages 135-162 | acupuncture, ayurveda, Charaka |
| 3. | Hoff | The Middle Ages | Porter: Chapter 5, pages 106-134 | Galenism, hospitals, |
| 4. | Hoff | Islamic Medicine | Porter: Chapter 4, pages 92-105 | Ibn Sina, Bayt al Hikma, Liber Ysagogarum |
| 5. | Hoff | The Renaissance | Porter: Chapter 8, pages 163-200 | Vesalius, Fabrica, Paracelsus, Pare |
| 6. | Hoff | Science Emerges – the 17 th Century QUIZ #1 - REQUIRED | Porter: Chapter 9, pages 201-244 | Descartes, Boyle, Harvey, Sydenham |
| 7. | Hoff | Medicine & the Enlightenment – 18 th Century | Porter, Chapter 10, pages 245-303 | Boerhaave, Laennec, Jenner, Rush, Beaumont |
| 8. | Hoff | Resurrectionists in Iowa | None | Burke & Hare, anatomy, resurrectionists, John Hunter, grave robbing |
| 9. | Hoff | The Scientific Transformation – 19 th & 20 th Centuries | None | Semmelweiss, Lister, Pasteur, Koch, anesthesia, Billroth, Halsted, Roentgen, Einthoven |
| 10. | Hoff | The Beginnings of Osteopathy: A.T. Still | Gevitz: Chapters 1, 2, & 3, pages 1-53 (required) | Methodism, abolitionism, A.T. Still, Civil War, alternate healing, bone setting, osteopathy, |
| 11. | Hoff | The Beginnings of Osteopathy: Foundations | Gevitz: Chapters 3 & 4, pages 54-84 (required) | ASO, William Smith, Summerfield Still, Flexner, S.L. Taylor, |
| 12. | Hoff | Osteopathic Medicine in the 20 th Century | Gevitz: Chapters 6, 7, & 8, pages 84-134 (required) | Arthur Hildreth, Littlejohn brothers, Louisa Burns, California merger |
| 13. | Hoff | Beyond the 20 th Century QUIZ #2 - REQUIRED | None | antibiotics, cardiac catheterization, transplants, cloning, gene therapy |
| History of Medicine – Examination SEC Auditorium | | | Friday, August 29, 2014 8:00 to 8:50 a.m. | |

Faculty, Guest Faculty, & Guest Lecturers:

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| <p>Gary L. Hoff, DO, FACC, FACOI Associate Professor of Medicine (Cardiology) Department of Behavioral Medicine, Medical Humanities & Bioethics Des Moines University</p> |
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