

# Edward Via College of Osteopathic Medicine

## OMS 4 Clinical Integration of Osteopathic Manipulative Medicine Academic Year 2021 – 2022

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### CURRICULUM SYLLABUS

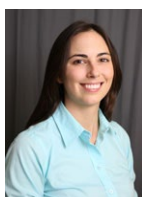
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**David Harden, DO, FAAFP**  
Discipline Chair, Osteopathic Manipulative  
Medicine  
Virginia Campus  
Phone: 540-231-7820  
[dgharden@vt.vcom.edu](mailto:dgharden@vt.vcom.edu)



**Kevin Hayes, DO**  
Discipline Chair, Osteopathic Manipulative  
Medicine  
Auburn Campus  
Phone: 334-442-4005  
[khayes@auburn.vcom.edu](mailto:khayes@auburn.vcom.edu)



**Bethany Powers, DO**  
Chair, Osteopathic Manipulative Medicine  
Carolinas Campus  
Phone: 864-327-9990  
[bpowers@carolinas.vcom.edu](mailto:bpowers@carolinas.vcom.edu)



**Jason Sneed, DO**  
Chair, Osteopathic Manipulative Medicine  
Louisiana Campus  
Phone: 318-342-7131  
[jsneed01@ulm.vcom.edu](mailto:jsneed01@ulm.vcom.edu)

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#### I. Curriculum Description

Osteopathic Manipulative Medicine (OMM) is taught throughout the curriculum by faculty physicians who practice primary care and osteopathic medicine and sports medicine. The OMM curriculum is reinforced in the clinical years by providing clinical experiences with VCOM appointed clinical faculty, demonstrating the incorporation of the manipulative medicine skills of diagnosis and treatment into clinical practice. During the OMS-4 year, students participate in a variety of core rotations, selectives, and electives. This OMS-4 structure helps to prepare students for the process of life-long, self-directed learning and study that will be required for the remainder of their medical careers.

The OMM curriculum is directed toward the development of an osteopathic primary care physician. VCOM faculty believe that whether students choose primary care or a medical specialty, they will benefit from a broad-based primary care curriculum and a whole patient approach to care. OMM is an important

skill for the primary care physician and is therefore taught throughout the pre-clinical and clinical years. There are fellowship tracts for residents who wish to learn more in the area of OMM.

The OMM curriculum is integrated into the OMS-4 year to ensure that students continue to learn and practice Osteopathic Principles as well as to demonstrate how to incorporate these principles into the appropriate care of patients in the clinical setting. Curriculum integration occurs through both didactic and practical curricular components.

## II. Curriculum Goals and Objectives

### A. Goals of the Curriculum

The student should demonstrate the following skills in regard to osteopathic manipulative medicine.

1. Perform and document a thorough musculoskeletal exam
2. Utilize palpatory skills to accurately discern physical changes that occur with various clinical disorders
3. Apply osteopathic manipulative medicine successfully when appropriate
4. Apply osteopathic manipulative treatments successfully

**In addition, students should also meet the following Clinical Performance Objectives:**

1. Demonstrate competency in the understanding and application of OMT appropriate to each of the core medical specialties. This is achieved through active participation of students in patient care activities in the hospital and at ambulatory sites. Students must demonstrate their knowledge of OPP during the course of patient assessment and management which includes preceptor supervised performance of OMM skills specific to the clinical site and patient condition.
2. Students must integrate Osteopathic Concepts and OMT into the medical care provided to patients where appropriate. Over the course of the third and fourth year, students should assume increasing responsibility for the incorporation of osteopathic concepts in patient management.
3. In addition to Osteopathic manipulation, students must understand and integrate additional Osteopathic Principles and Philosophy into their clinical and patient care activities. Students should:
  - a. Utilize caring, compassionate behavior with patients.
  - b. Demonstrate the treatment of people rather than symptoms.
  - c. Demonstrate understanding of somato-visceral relationships and the role of the musculoskeletal system in disease.
  - d. Demonstrate listening skills in interaction with patients.
  - e. Demonstrate knowledge of and behavior in accordance with the Osteopathic Oath and AOA Code of Ethics.

## III. Texts

### A. Required Textbooks and Reading Assignments

- Seffinger, Michael. *Foundations of Osteopathic Medicine*, 4<sup>th</sup> ed. Philadelphia, PA: Wolters Kluwer Health, 2019. ISBN: 978-1496368324 (retail price \$139.99) – Available in VCOM's eLibrary in LWW Osteopathic Medicine Collection
  - Chapter 32, The Osteopathic Manipulative Treatment Prescription, pp.784-786; Chapter 40A, Acutely Ill or Hospitalized Patient: Osteopathic Considerations and Approaches Using OMT, pp. 923-944
  - Chapter 39, Lymphatic Drainage Procedures, pp. 906-920

- Chapter 29, Postural Considerations in Osteopathic Diagnosis and Treatment, pp. 696-743
  - Chapter 49C, Osteopathic Approach to Diagnosing and Treating Somatic Dysfunction in the Extremities, pp.1483-1488
  - Adult with Myalgias, pp.268-299, 1040-1081, 1216-1220
  - Adult with Chronic Pain and Depression, pp. 325-349, 402-407, 1258-1262, 1332-1345
  - Chapter 42D, Elderly Patient with Dementia, pp. 1184-1206
  - Chapter 28A; 42B; 48A: EENT Dysfunction, pp. 609-622; 1124-1160; 1387-1417
  - Chapter 28I; 30: Upper GI Disorders, pp. 689-695, 747-762, 1148-1149
  - Chapter 28I: Irritable Bowel Syndrome, pp. 1105-1112
- Additional reading assignments for fourth year, along with those assigned during the OMS-3 year, will result in completion of clinically relevant parts of the textbooks over the OMS-3 and OMS-4 academic years.
  - Self-directed learning, by nature, requires that students read, review, and study those topics that relate to the patients they are caring for during their specific rotations and in their fields of chosen interest.
  - The OMM curriculum supports fourth year students in self-directed learning by also providing them with access to approximately 30 videos on OMM specific topics, recorded by VCOM faculty and available on [VCOM TV](#), for students to review. In addition, students are encouraged to continue to review the [ACOFPP OMT videos](#) online to further reinforce OMT topics.

#### IV. Curriculum Requirements

An important component of student medical education during the OMS-4 year involves the continued application of OMM principles and techniques learned in the prior three years to patient assessment and management.

In keeping with structure of the OMS-4 year, which allows students increased flexibility in their learning and prepares them for the process of life-long, self-directed learning and study, OMS-4 students have a number of different options by which they can meet the OMS-4 focused OMM learning requirements. The options for meeting these requirements are described below.

**All OMS-4 students must complete a minimum of 10 points of hands-on OMM focused learning during their fourth year** which may be accomplished by a combination of the following:

1. Attending on-site OMM workshops in the clinical site in which you are currently rotating if the site permits.
  - As each site will establish their own schedule for these workshops, please check with the Clinical Site Coordinator for the dates of these workshops. Students who choose this option must be prepared to serve as a table trainer for the OMS-3 students, assisting at the direction of the precepting physician during the workshop. Preparation will require reading and review of the topic to be covered in the workshop as well as viewing any assigned videos on VCOM TV pertaining to the techniques that will be practiced. Students choosing to attend a workshop to obtain hours for meeting OMM requirements must contact the site coordinator (for regional on-site workshops) at least two weeks prior to the workshop they wish to attend to confirm adequate space, the curriculum being covered and any additional preparation the student should complete prior to the workshop.
  - Each workshop is worth 2 points. Thus, students could meet the requirement of 10 points by attending 5 OMM workshops. **Maximum obtainable points – 10**
2. If on a rotation that includes attending on-campus OMS 1 or OMS 2 PPC/OMM lectures/laboratories (such as the VCOM OMM fellowship, Sports Medicine fellowship, or rotating with VCOM PPC/OMM faculty), students may attend these sessions.

- Students who choose this option must be prepared to serve as a table trainer for the OMS-1 or OMS-2 students, assisting at the direction of precepting physicians during the lab. Preparation will require attending the associated lecture and may require additional reading or viewing videos on VCOM TV pertaining to the techniques that will be practiced. Students attending an OMM lab session to obtain points for meeting the OMM requirement must contact the OMM chair or administrative assistant at the appropriate campus at least 2 weeks prior to the lecture/lab they wish to attend to confirm adequate space, the curriculum being covered and any additional preparation the student should complete prior to the lab. There is a limit on the number of OMS-4 students allowed to attend an OMS-1 or OMS-2 lab and OMS-4 students need permission ahead of time to attend the lab due to capacity.
  - Each lecture and corresponding lab attended is worth 2 points. Students must attend both the lecture and the lab session in order to get credit but will only get points for the amount of time spent in lab. Lab sessions typically last 2 hours. If a student is not able to participate for the full 2 hours of lab, then only the number of hours attended should be logged and counted as points (i.e. 1 hour of lab counts as 1 point). Thus, students could meet the requirement of 10 points by attending 5 PPC/OMM lectures/laboratories. **Maximum obtainable points - 10**
3. Completion of a rotation with a DO who integrates OMM into their daily practice. Students are required to log the techniques observed and performed. In order to get the hours required, students must perform OMM procedures during the rotation.
    - Students will be required to provide documentation by providing a signed educational-experiences log.
    - One rotation that meets these requirements equals 10 points. **Maximum obtainable points - 10**
  4. Completion of an elective rotation in Osteopathic Manipulative Medicine.
    - One rotation that meets this requirement equals 10 points. **Maximum obtainable points - 10**
  5. Completion of an elective rotation in Sports Medicine that actively uses OMM.
    - One rotation that meets this requirement equals 10 points. **Maximum obtainable points - 10**
  6. Students on Selective or Elective rotations in hospitals with residency training programs may attend lectures and workshops which focus specifically on OMM or OMT and receive credit based on the number of hours attended. In addition, students on rotation at these residency programs who actively participate in OMT-specific clinical office visits may also receive credit.
    - Students will be required to provide documentation of attending these lectures/workshops or clinical office visits by providing a signed educational-experiences log or letter from the program director, DME, DSME or administrative DME.
    - One hour of lecture/workshop equals 1 point. One hour of hands-on OMT clinical time equals 1 point. **Maximum obtainable points - 10**
  7. Completion of an OMM review video. These videos must cover multiple techniques as would be covered in a patient encounter or workshop setting for credit. Additional details on how to complete this review are posted on Canvas.
    - Each video is worth 1 points. **Maximum obtainable points - 2**

Other means of satisfying the OMM focused education requirement may be deemed appropriate by each Campus Dean, Associate Dean for OMS 4 and GME, or OMM chair as needed.

## V. Curriculum Requirements for Successful Completion

- Completion of OMM focused learning activities for a total of at least 10 points.
- Completion of required reading assignments.
- Logging OMM Patient Encounters, Procedures, and Workshops in CREDO:
  - Students are required to log all OMM patient encounters and procedures into the CREDO application during the OMS-4 year, in which the student performed an osteopathic structural exam/assessment and/or performed OMT. These include:
    - OMM didactic lectures presented at their clinical sites by attending physicians, resident presentations, grand rounds, journal clubs, and morning reports.
    - VCOM OMM hands-on workshops attended during their OMS-4 year at their clinical sites. Descriptions of these workshops should include supervising physician and/or table trainer as well as the topics covered and/or procedures performed.
    - Any additional didactic or hands on OMM experiences students participated in.
  - CREDO can be accessed at: <https://credo.education/>

## VI. Course Completion

Students will log completion of at least 4 out of the 10 required points by January 1<sup>st</sup> of the academic year. Students will complete all of the 10 required points no later than 3 weeks prior to graduation. Any student who does not successfully complete and submit documentation of OMM hour requirements on time will be called before the Promotion Board. This may result in a delay in graduation, development of required remediation, or other disciplinary action.

## VII. Academic Expectations

Grading policies, academic progress, and graduation requirements may be found in the [College Catalog and Student Handbook](#).

## VIII. Professionalism and Ethics

It is advised that students review and adhere to all behavioral policies including attendance, plagiarism, dress code, and other aspects of professionalism. Behavioral policies may be found in the [College Catalog and Student Handbook](#).