

MACOMB COMMUNITY COLLEGE
14500 Twelve Mile Road, Warren, MI 48088

ACTION REPORT: Authorization to Purchase

ITEM: Anatomage Virtual Dissection Table

Approval is requested for the purchase of an Anatomage Virtual Dissection Table. The table offers a life size display of both male and female gross anatomy and features over 1,000 structures of the anatomy. It also comes with 250+ clinical cases and 40+ different animal anatomies, affording students in all health programs the ability to view normal anatomy and abnormal pathologies.

The dynamic nature of the table affords an opportunity for a diverse population of students to integrate knowledge and technological skills which have become standard in clinical practice. The table will be housed in the observation room outside the science labs in R building on Center Campus.

Anatomage Inc., of San Jose, CA is the exclusive manufacturer and seller of the table which cannot be purchased elsewhere. They will ship the table and software to the college, install and train users here, on-site for a total cost of \$92,517.

This expenditure will be from the Perkins Grant Fund. User department rationale is on the reverse side.

RECOMMENDATION OF ADMINISTRATION:

That the Board of Trustees approve the purchase of an Anatomage Virtual Dissection Table and software in the amount of \$92,517 from Anatomage Inc., of San Jose, CA.

Vice President for Business
Senior Vice President and Provost
April 19, 2016

USER DEPARTMENT RATIONALE FOR AN ANATOMAGE VIRTUAL DISSECTION TABLE

The Anatomage Table has been selected by the Occupational Therapy Assistant (OTA) program and endorsed by faculty from all health programs at Macomb Community College for the following rationale:

The Anatomage Table is a virtual dissection table offering unprecedented technology in medical education. The table provides life size 1:1 display with both full body male and female gross anatomy featuring over 1000 structures of gross anatomy. The table comes with 250+ clinical cases as well as 40+ different animals, affording students in all of the health programs the ability to view normal anatomy as well as abnormal pathologies. Touch interactive technology allows the virtual body to be cut and rotated in any direction revealing the details of internal and external structures. Faculty from all the health disciplines will have the ability to use preloaded Anatomage curriculum or they will have the flexibility to design their own through the preloaded software. Faculty can create and demonstrate procedures making lessons dynamic and engaging for the students. To accommodate larger groups of students, the table has the ability to project images to separate screens and/or projectors.

Focusing on student success, the Anatomage Table will encourage active learning and engage student-faculty interaction. Students in all health programs at MCC must have a broad understanding of functional human anatomy and are expected to understand and analyze both normal and abnormal states. The dynamic nature of the table affords an opportunity for a diverse population of students, with different learning styles to integrate knowledge and technological skills which are standard in clinical practices.

This unit will be purchased through Anatomage, Inc. of San Jose, CA. They are the sole source vendor for the table. The table is manufactured and distributed exclusively throughout the United States by them. Our research has determined that there are no other companies in the U.S. manufacturing or selling similar units. The expenditure for this interactive table will be from the Perkins Grant Fund.

The Table will be housed on center campus, R building room 166. The technical aspects of the table and the functional capabilities of the room have been reviewed by Macomb Community College IT department. The Anatomage Table comes with installation and training from one of Anatomage technicians following delivery.

With its many functions, the Anatomage Table will remain an integral part of all the health programs at MCC and provide our students the leading edge of higher education and medical education technology.

Dr. Diane Roose, DHSc, RMA
Associate Dean Health Science