

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

ACTION REPORT: Authorization to Purchase

ITEM: Ambulance Simulator

Approval is requested for the purchase of a Rescue Simulation Ambulance Simulator. The simulator is built to the exact dimensions of an actual ambulance and features a fully functional interior with actual EMS products that are used in the field today. It includes storage that allows for stocking the ambulance with necessary first aid supplies, a stryker cot with locking mechanism and a sound system that recreates the noise of a real ambulance in an emergency situation. This unit will help prepare students for real life, high stress EMS conditions found in today's world.

The simulator is a sole source purchase through Rescue Simulation Products of McKinley, Texas who is the manufacturer and seller of the unit. The simulator will be assembled and housed in the soon to be renovated EMS lab in building A at Center Campus.

The cost for the unit, with shipping and installation will total \$55,689. Purchase of the Ambulance Simulator will be an expenditure from the Perkins Grant Fund. User department rationale is on the reverse side.

RECOMMENDATION OF ADMINISTRATION:

That the Board of Trustees authorize the purchase of an Ambulance Simulator in the amount of \$55,689 from Rescue Simulation Products of McKinley, Texas.

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

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USER DEPARTMENT RATIONALE FOR A RESCUE SIMULATION AMBULANCE SIMULATOR

The Rescue Simulation ambulance simulator is a high quality simulation tool the emergency medical services department will implement within the laboratory to assist in the delivery of simulated “real life” training. The mandatory national accreditation required for the Emergency Medical Services program mandates providing high liability low frequency training. This simulator will provide the EMS department the opportunity to train our students in high stress situations with the space and sound restriction of the ambulance. It is important to train in the environment our students will be working. This provides a stronger, better prepared paramedic to our community. This ambulance will be new to the EMS department; we currently have no way of recreating the unique space restriction of the back of an ambulance. The simulator will be housed in the to-be renovated EMS lab in A building at Center Campus. The paramedic program is run solely from Center Campus.

Rescue Simulation Products of McKinney, Texas is the creator and sole provider of the ambulance simulator. The Ambulance Simulator is a high quality product made with “real” materials and requires minimal maintenance. It is designed for the consistent use of the student lab. The Simulator is built to the exact dimension of an actual ambulance, fully functional interior with actual EMS products. The interior of the ambulance will have storage, a Stryker cot and locking mechanism, suction, sounds to recreate the noise of a functioning ambulance and storage so our staff can stock the ambulance in a manner similar to our local agencies. Our goal is to provide the best education to our students so they are better prepared to serve our community. This product will be a great asset to our program and our mission.

To the best of our knowledge, the Rescue Simulator ambulance is the only unit we could find that offers all of the educational features needed for our Emergency Medical Service Programs. We could find no others in the market place. The purchase of this simulator will be an expenditure from the Perkins Grant Fund.

Thank you for your consideration.

Charlene McPeak
Dean, Health/Public Services
March 24, 2016