

JHCEHSHS STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission:

Form Updated: 12/10/12

1. Submitter must obtain all required information from the desired vendor(s). An official quote from the vendor must be attached.
2. Only one request per Request Form. This request must be reviewed, approved, and submitted by the requesting program's Department Chair.
3. The Dept. Chair may email this request to the Tech Fee Director. *Since some departments will have multiple requests, please rename request in the following format: Dept # (rank, 1 being the highest priority) and a brief title*

Dept. making request:	Kinesiology	Requesting Faculty:	C. Armstrong	Date Submitted:	2/4/2013
IMPORTANT: Attach an official quote from the vendor.					

List one item OR group (for use as a "package") per page.

Item Name	Vendor info. (name, address, Web site URL, phone #, email, etc.)	Part or Model #	Cost (each)	Qty	Total
Noraxon Accelerometer – Accelerometer for operation through Noraxon 2400G2 transmitter	Noraxon USA, Inc. 15770 North Greenway-Hayden Loop, Suite 100 Scottsdale, AZ 85254 Phone: 800-364-8985 www.noraxon.com	1 #317 A - Accelerometer 1 # 390 Power Supply	\$995 \$695	1 1	\$1436.50 Reflects 15% discount
Course(s) where item(s) will be used	KINE 45450, 4910, 6/8130, 6/8200, 6/8300, 6/8400, 6/8960	Expected life of product (years)	15 yrs	# Students Impacted per Year	200+
Location equipment or software will be used/stored	HH 1412 and HH 1406	Will Tech Fee funds be needed for annual renewals or maintenance?		No	
<p>Provide a brief description of the technology requested*: The technology consists of a small unit that can be attached to a part of the body or an object to measure the acceleration that is occurring. Additional, it includes a small unit that supplies power to the accelerometer. The accelerometer can be attached to a Noraxon EMG transmitter to telemeter the data to a remote receiver for storage.</p>					
<p>Briefly describe how the technology will be used (function)*: The requested technology will be used to support class lab activities as well as undergraduate and graduate student research. Accelerometers are used to measure both positive accelerations and negative (decelerations). An example of a common use is in measuring the impact of the head within a football helmet or batting helmet in accessing the risk of concussion.</p>					
<p>Provide a rationale that Tech Fee funds are appropriate for this request*: Presently we do not have the capacity to telemeter acceleration data. This greatly limits our ability to access situations involving impacts to the body. As students are often very interested in studying biomechanical issues that contribute to sports injury, such as those involving impact, the requested technology will greatly assist our students in this process.</p>					

*Keep in mind that the committee members come from a variety of educational backgrounds and may not be familiar with department specific language. Please use concise, common terminology so that committee members reviewing this form will be able to fully understand the request.

- If you are submitting a request for computers, printers, scanners or software, you must consult with College Computing and the technology staff, to acquire a quote and to make sure that this equipment/software is supported by UT and compatible with existing technology.



Noraxon USA, Inc.

The World Leader in EMG Technology

QUOTATION

15770 North Greenway-Hayden Loop, Suite 100
Scottsdale, AZ 85254
Phone: 800.364.8985 Fax: 480.443.4327

Date: 2/6/2013

Prepared For:

Chuck Armstrong – Director, Motion Analysis Lab
1616 North Westwood Avenue
HHS, Room 2503
University of Toledo
Toledo, OH, 43607
E-mail: CARMSTR@UTNet.UToledo.Edu

Description	Amount
INSTRUMENTS	
Sensor Power Supply	\$695
Includes:	
Sensor Power Supply Part # 390 - Battery powered source for up to 4 inline sensors.	
- Output Cable (3.5mmF to BNCx2)	
- 2AA Battery	
Accelerometer	\$995
Part #317A (2G – 6G) - Measures acceleration in ‘G’ forces.	
2G sensor can be used for MMG	
• 3D (X, Y and Z) sensor with a dual operational range (2G and 6G)	
Discount (15%)	

TERMS

- * Each software version comes with 2 licenses. For additional MRXP licenses for the same site, facility, department and user group, a site license may be purchased. Site License (3 additional MyoResearch XP licenses) Price \$995.
- * 15% discount to be applied to entire purchase. Total not shown
- * Free upgrade to MR3 MyoMuscle Module (schedule to be available March 2013).
- * Terms are USD and net 30 days.
- * Delivery is 2 to 4 weeks ARO.
- * Shipping, and applicable taxes are responsibility of buyer
- * Warranty 1-year parts and labor for hardware and 90 days software FOB Scottsdale, Arizona.
- * This quotation is valid for 60 days.

Note: Noraxon recommends a computer system and printer be dedicated solely to the EMG system. Customer supplied computer systems require the approval of Noraxon USA to insure compatibility of software/hardware combinations.

If you have questions or need additional information, please contact me at (702) 281-7903. Thank you once again for your interest in Noraxon EMG Systems.

Sincerely,

Todd Shewman BA Kin. Director of Research Systems
Noraxon USA, Inc.
480-443-3413 (office) 702-281-7903 (cell)
480-443-4327 (fax)
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