

JHCEHSHS STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission:

Form Updated: 3/28/12

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 ABC_Request_# where "ABC" is your department and "#" is the numbering of your request)*

Dept. making request:	Kinesiology		Requesting Faculty:	C. Armstrong
Date submitted:	10/10/2012		Requested purchase date:	ASAP

IMPORTANT: Attach an official quote from the vendor.

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

Item Name and Description	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	\$1690
Course(s) where item(s) will be used	KINE 45450, 4910, 6/8130, 6/8200, 6/8300, 6/8400, 6/8960		Required for accreditation?	NA	# Students Impacted per Year
					200+
Location equipment or software will be used	HH 1412 and HH 1406	Will this be an ongoing expense (if yes how much annual)?		No	

Impact on student learning (attach additional pages if needed):

Accelerometers are devices that are designed to evaluate the motion of a body segment by measuring the acceleration that the segment experiences. They are frequently used in instruction and student research to study such things as the impact of the foot against the ground during walking/running or the impact of a blow to the head causing concussion. Presently, the accelerometer that we have must be physically connected to a computer to record such information. The accelerometer that we are requesting can be connected to our existing EMG transmitter and telemetered from the person wearing the accelerometer to the computer. **This provides far more options for studying human movement as the subject can be free to move without the encumbrance of being physically attached to the computer. This will create a wide range of new opportunities for our students to study mechanisms of injury in a variety of sport and functional activities.**

- **Equipment/Technology purchased with Tech Fee funds is for student use only. It cannot be filtered or "passed-down" to faculty or staff.**
- All outdated or broken Tech Fee equipment/technology must be returned to the Tech Fee Committee for retirement or disposal.
- 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.



Noraxon USA, Inc.

The World Leader in EMG Technology

Electrode Order Form

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

Date: 10/10/2012

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
ACCESSORIES	
Quantity __1__ Active EMG lead (1m) with pre-amplifier (gain 500) and 10 Hz band-pass. Three snap (1 muscle plus ground ref. electrode) Part #243S OR Three Pinch Ends (1 muscle plus ground ref. electrode) Part #243P	\$375
Quantity __7__ Active EMG lead (1m) with pre-amplifier (gain 500) and 10 Hz band-pass. • Three snap (1 muscle plus ground ref. electrode) Part #242S OR Two Pinch Ends (1 muscle) Part #242P	\$2450
Accelerometer Part #317A (2G – 6G) - Measures acceleration in ‘G’ forces. • 3D (X, Y and Z) sensor with a dual operational range (2G and 6G)	\$995
Sensor Power Supply Boxes (Part #390) w/ belt pouch Battery powered source for up to 4 channels for inline sensors. Includes: - Output Cable (3.5mmM to BNCx2) - 2AA Battery	\$695

TERMS

- * Terms are USD and net 30 days.
- * Pinch (P) or Snap (S) style lead to be indicated on PO..
- * 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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Todd.shewman@noraxon.com