

## STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission:

Form Updated: 8/20/13

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:	Exercise and Rehabilitation REQUEST #1	Requesting Faculty:	Neal Glaviano	Date Submitted:	9/23/2016
<b>IMPORTANT: Attach an official quote from the vendor.</b>					

**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
Raptor-E Digital Camera	James Vaughn Eastern US Sales Manager Motion Analysis Corporation 3617 Westwind Blvd. Santa Rosa, CA 95403 USA c:516-458-4263 e:jvaughn@motionanalysis.com	CAM-RPTRE-CHNL	9,692.50	4	<b>38,770.00</b>
<b>Course(s) where item(s) will be used</b>	KINE 4540 Applied Biomechanics (Fall and Spring 2 sections) KINE 6130/8130 Biomechanics of Human Motion KINE 6200/8200 Biomechanic Instrumentation KINE 6960/8960 Master/Dissertation in Exercise Science KINE 6990 Independent Study in Exercise Science	<b>Expected life of product (years)</b>	10-12	<b># Students Impacted per Year</b>	250
<b>Location equipment or software will be used/stored</b>	HH 1412	<b>Will Tech Fee funds be needed for annual renewals or maintenance?</b>	Yes (19,510 for 1 more year)		
Provide a brief description of the technology requested*: We are requested new 3D cameras for the Musculoskeletal Health and Movement Science Laboratory. These cameras will replace the current Eagle Eye Motion Capture cameras.					
Briefly describe how the technology will be used (function)*: This technology will be used in each section of the undergraduate and graduate biomechanics and instrumentation class and associated labs. In addition, this equipment is commonly used by undergraduate and graduate students for their research projects.					

**Provide a rationale that Tech Fee funds are appropriate for this request\*:**

The current cameras are over 10 years old and are heavily used by students in the School of Exercise and Rehabilitation. Students enrolled in Exercise Science, Athletic Training, and Physical Therapy majors, both undergraduate or graduate, will use this equipment at some time point in their academic careers. Familiarity in motion analysis software allows our students to be extremely marketable in future job settings, as experience in these skills will set University of Toledo graduates apart from other University's that offer similar degrees. To achieve this skill level, the use of this equipment is integrated into multiple classes/laboratory sessions and with their student research projects. In the next 1-3 years, the company will completely phase out these cameras and stop servicing them. Due to this, if any of the current cameras have an issue, there will be no viable solution to correct the camera. Therefore, we propose to purchase 4 cameras this year and 2 more cameras next year to replace the current Eagle Eye cameras. Furthermore, with the recent merger of the College and Departments, we believe there is opportunity for students in other discipline to utilize this technology (OT, Respiratory Care, etc.).

**\*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.



CONFIDENTIAL

MOTION ANALYSIS QUOTATION

Neal Glaviano, PhD, AT, ATC
Assistant Professor
Health & Human Services Building
Room 3302
Toledo, OH 43606
419.530.5453

neal.glaviano@utoledo.edu

Quote No: Q10288
Quote Date: September 14th, 2016
Expiration: September 30th, 2016

Submitted by:
James Vaughn
Vice-President of Sales Eastern US
Motion Analysis Corporation
Phone: 518-458-4263
Email: jvaughn@motionanalysis.com

Table with 4 columns: ITEM, QTY, DESCRIPTION, PRICE (USD). Includes items like CAM-RPTRE-CHNL and a total system price of \$38,770.

HARDWARE MAINTENANCE

Motion Analysis Hardware:
1 year- Warranty included in system price

TERMS AND CONDITIONS

Terms: Purchase order to initiate order
Purchase: Net 30 days after delivery
Taxes: All transactions subject to applicable sales, duties and use taxes
Shipping: Ex Works - Santa Rosa, California 95403
Delivery: TBD
Warranty: One (1) year on all parts and labor. Software updates provided at no charge for one year (not including any additional required hardware or hardware enhancements).

In the event that Motion Analysis is not able to repair or replace any defective hardware or software and restore the product to a good operating level within 15 days of Motion Analysis receiving written notice from Customer that the product is not working properly Customer may return the product and all hardware and software provided by Motion Analysis, at Motion Analysis expenses, and Motion Analysis shall refund Customer all fees, costs and expenses paid by Customer to Motion Analysis.

SERVICE AND SUPPORT

The standard service warranty includes parts, labor, shipping, phone consultation and, if necessary, travel expenses. A service agreement is available after the Standard Warranty expires. This price is valid if purchased within the initial one-year warranty period. Beyond this normal warranty period, the price of this service will be quoted upon request, and may require a service call to inspect the equipment.

Service calls on equipment not covered by warranty or service agreements will be billed at the current rate, plus expenses.

All prices and descriptions are subject to change without notice, and are subject to Motion Analysis Terms and Conditions. Motion Analysis reserves the right to substitute components with like specifications without notice.

Motion Analysis Corporation / 3617 Westwind Blvd. Santa Rosa, CA 95403 USA / T: 707.579.6500 / F: 707.578.8473



CONFIDENTIAL

MOTION ANALYSIS QUOTATION

Neal Glaviano, PhD, AT, ATC
Assistant Professor
Health & Human Services Building
Room 3302
Toledo, OH 43606
419.530.5453

neal.glaviano@utoledo.edu

Quote No: Q10288
Quote Date: September 14th, 2016
Expiration: September 30th, 2016

Submitted by:
James Vaughn
Vice-President of Sales Eastern US
Motion Analysis Corporation
Phone: 516-458-4263
Email: jvaughn@motionanalysis.com

Table with 4 columns: ITEM, QTY, DESCRIPTION, PRICE (USD). Row 1: CAM-RPTRE-CHNL, 2, Raptor-E camera additional channel... \$19,280. Row 2: Shipping, \$250.00. Row 3: TOTAL SYSTEM PRICE, \$19,510.

HARDWARE MAINTENANCE

Motion Analysis Hardware:
1 year- Warranty included in system price

TERMS AND CONDITIONS

Terms: Purchase order to initiate order
Purchase: Net 30 days after delivery
Taxes: All transactions subject to applicable sales, duties and use taxes
Shipping: Ex Works - Santa Rosa, California 95403
Delivery: TBD
Warranty: One (1) year on all parts and labor. Software updates provided at no charge for one year (not including any additional required hardware or hardware enhancements).
In the event that Motion Analysis is not able to repair or replace any defective hardware or software and restore the product to a good operating level within 15 days of Motion Analysis receiving written notice from Customer that the product is not working properly Customer may return the product and all hardware and software provided by Motion Analysis, at Motion Analysis expenses, and Motion Analysis shall refund Customer all fees, costs and expenses paid by Customer to Motion Analysis.

SERVICE AND SUPPORT

The standard service warranty includes parts, labor, shipping, phone consultation and, if necessary, travel expenses. A service agreement is available after the Standard Warranty expires. This price is valid if purchased within the initial one-year warranty period. Beyond this normal warranty period, the price of this service will be quoted upon request, and may require a service call to inspect the equipment.

Service calls on equipment not covered by warranty or service agreements will be billed at the current rate, plus expenses.

All prices and descriptions are subject to change without notice, and are subject to Motion Analysis Terms and Conditions. Motion Analysis reserves the right to substitute components with like specifications without notice.

Motion Analysis Corporation / 3617 Westwind Blvd. Santa Rosa, CA 95403 USA / T: 707.579.6500 / F: 707.578.8473