

**HENRY FORD COLLEGE
OFFICE OF THE PRESIDENT**

BOARD REPORT

SUBJECT: Winter 2022 Proposed Technology Investment Fund Projects

Listed below is a summary for projects recommended for funding by the Technology Investment Committee (TIC).

Project Director Division/Department	Nature of Request	Approved Funding
Anthony Perry/ Social Science	Create a lecture capture classroom for the social sciences, specifically for Political Science to allow for recording and disseminating of information to students to improve learning. Equipment includes: 1 - Maxell Projector 1 - Cable & Hardware 1 - Atlas Sound Amp & Speakers 1 - Kramer Controller 1 - Kramer Wall Plate 1 - Kramer Switch 1 - Da-Lite Screen & Mount 1 - Lumens Ladibug 2 - 70" LCD with Cart 3 - Shure Mic & Mixer 1 - Middle Atlantic Equipment Rack 2 - Sony Camera w/Epiphan 1 - Computer 1 - HP Envy Touchscreen Laptop	\$27,602
Steve Glazer/ Fine Arts	Upgrade to electrical and lighting system in the Adray Auditorium. Equipment includes: <ul style="list-style-type: none"> • Cyc Lights - ETC Selador 40deg Vertical Lens 21" • Down Lights • Front Light • Side lights • Control Console • Popper Strand lighting • Cables • Projector Lens • Robotic Camera System 	\$190,360

	<ul style="list-style-type: none"> • Scissor Lift • Fog Machine • Effects Projector • Verticle Fog Machine • Wind Machine • Snow Machine • Bubble Machine • Haze Machine 	
Shelly Loomus/ Business	Technology update to room K322 which is used for business classes. The classroom's current design will not support the pedagogy and delivery method for achieving optimal learning outcomes. Equipment includes: 3LCD Laser Projector, 5200 ANSI Lumen, WXGA 1280 x 800 resolution, 2,500,000:1 dynamic contrast ratio, 1.38 to 2.24:1 throw ratio, plus Da-Lite Model C Screen with CSR, Matte White, 16:9 Format, 58"x104", as well as necessary hardware.	\$12,173
Victoria Swiencicki/ Business	Install 65" Smart LED-LCD monitors in accounting classroom E-141. Students are currently viewing Instructor presentations on a pull-down screen and antiquated projector.	\$4,087
Dr. Cristina Bailey & Victoria Bessette/ Academic Affairs	Upgrade the technology in twenty classrooms to provide lecture capture capabilities delivering three modalities to a single class. The three modalities include online (asynchronous), remote (synchronous), or on-campus within a single section, called a HyFlex classroom. This flexibility permits students to choose on a weekly basis whether to participate online, remotely, or in person, increasing student options for course completion.	\$289,718
Patti Little/ Business	Purchase 30 laptops for use by students in accounting classes. These laptops allow the use of Respondus monitor and lockdown browser, an exam proctoring system that allows remote and online exam integrity.	\$23,970
Liz Hoffman/ Health and Human Services	The program director's initiative would bring EHR technology bedside for the students in the clinical lab. Students will transition from classroom to the workplace and be expected to document bedside on the job. The senior group of students is currently taking MOA 170 which is the electronic health records class. They have simulation software used at home SimChart that is web based, and Navigator Plus through	\$16,580

	<p>Paradigm publishing that is web based. The clinical portion of the lab also has electrocardiograph machines that has computer capabilities that are not being utilized while teaching. At present, students are not able to use a computer bedside with the electrocardiographs currently in the lab, they only read about it in our textbook. Equipment includes:</p> <ul style="list-style-type: none"> • Lenovo IdeaPad 3 15ITL06 82H802DRUS 15.6" Notebook - Full HD - 1920 x 1080 • Intel Core i5 11th Gen i5-1135G7 Quad-core (4 Core) 2.40 GHz - 8 GB RAM - 512 GB SSD – Sand. 	
Dr. Carolyn Casale	<p>The Michigan Department of Education (MDE) has changed the Teacher Certification Bands. The MDE has created these changes to enable teachers to have a deeper knowledge of children’s social, psychological, cognitive and emotional needs. These tracks are: Birth – Kindergarten, Pre-Kindergarten – Grade 3, Grade 3 – Grade 6, Grade 5 – Grade 9, and Grade 9 – 12. In this effort, the MDE has also revised their curriculum and clinical requirements. The new requirements mandate exploratory hours. These requirements are to be completed both through online and in-person experiences. This proposal seeks to supplement all our Pre-Education required content courses (math, English, science, social science, and CIS) and EDU courses with video that provides exploratory hours. The system we seek to adopt was recommended by the MDE representative.</p> <p>The Teaching and Learning Exploratory (tle.soe.umich.edu) would be embedded into the Moodle courses of Pre-Education (125 videos, development/testing/site license, embed codes for videos 1-25 (25 videos), and embed codes for videos 26-100 (100 videos).</p>	\$3,625
Susan McGraw	<ul style="list-style-type: none"> • The Telecommunication TV studio facility needs an upgrade beyond the standard replacement items and normal budgetary essentials to stay current in technology. These upgrades will keep us competitive in the academic realm and provide 	\$47,690

	<p>students the best instruction for the best success as they transition to working in the field or moving to a university for the next steps in their chosen career path. Equipment to be ordered:</p> <ul style="list-style-type: none"> • Newtek tricaster TC Mini UHD Bundle/Reg • 1 B&H Photo-Video-Pro Audio • E-Image Airassist PDSTL w/EZ height adjust.Lvr/Reg Photo-Video-Pro Audio • RTS BTR-240 2.4 GHz Wireless base • Markertek • QPRO24 24" regular Monitor • Teleprompter • Minor Equipment • Item to Purchase Price Quantity Vendor • Total BlackMagic Studio Camera 4K Pro/reg • 4 B&H Photo-Video-Pro Audio • Blackmagic Zoom Demand/Reg • B&H Photo-Video-Pro Audio • Wooden Tripod Head Pan Bar to Arri Rosette/Reg • B&H Photo-Video-Pro Audio • Soundcraft 12 channel Signature Mixer • Sweetwater Newtek Spark Plus 4K/Reg • B&H Photo-Video-Pro Audio • Foot pedal remote • Prompter People • RTS-TR-240 Beltpack A4M Headset Jack • Markertek • RTS-CHG-240 4 Bay Battery Charger • Markertek Panasonic GX Vario PZ 45-175/F4.0-5.6 ASPH (Blk/Reg) • B&H Photo-Video-Pro Audio • Wireless Rode Professional Wearable Mics • Sweetwater osa 5'USB 2.0 A to B cable • Sweetwater Mackie 1402-VLZ4 - 14 ch Ultra Compact Mixer/Reg • B&H Photo-Video-Pro Audio • Dell Inspiron 3000 15.6" laptops for running prompter software • Dell LAIRD SDAUD 710 Sound Devices 302 UU CBL 	
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	<ul style="list-style-type: none"> • Adorama PreSonus Eris E4.5 BT Powered Studio Monitors • Sweetwater PreSonus Eris E6.5XT Powered Studio Monitor • Sweetwater Presonus Monitor StatV2 Audio Control Center • Sweetwater Onkron Mobile TV Stand TV Cart • Onkron Auralex Max Wall 211 (burgundy) • B&H Photo-Video-Pro Audio Cabling and Installation 	
	Total Funds	\$615,805


The Technology Investment Committee held an open meeting on March 18, 2022, to hear presentations from departments requesting funds. The beginning fund balance for the Winter 2022 meeting was \$774,489. The committee holds of ten percent of the funds in case of overages. This results in \$697,040 available for projects. The committee recommends these project proposals for funding. The projects have also been reviewed by College administration which offers its support. The total value of these TIF projects for which the committee is recommending is \$615,805.

RECOMMENDATION:

The College administration concurs with the Technology Investment Committee and recommends this project be approved for funding by the HFC Board of Trustees.



 John S. Satkowski, JD
 Vice President of Financial Services



 Russell A. Kavalhuna, JD
 President

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BID AWARD

SUBJECT: Portable X-Ray Unit
Sealed Bid #21846

The faculty of the School of Health and Human Services (HHS) request a contract for the purchase of one (1) Portable X-Ray Unit. HHS seeks to upgrade the technology used in the Radiography Technician program. The Portable X-ray Unit is a state-of-the-art mobile digital radiography system. It includes a 14" x 17" digital flat-panel detector and full featured imaging software with digital image processing that produces an enhanced, anatomical view-based, digital image.


To meet industry standards and prepare students for successful employment post-completion, the program needs equipment that simulates the exams and procedures performed at a patient's bedside in a variety of locations (emergency room, patient room, recovery room, etc.). This enhances student performance in the clinical setting, as well as assist with job placement. Federal Vocational Education Equipment Grant (Perkins) dollars provide 100% of the funds for this purchase.

The College solicited proposals leading medical equipment distributors under Sealed Bid #21846. The responses appear below.

RPS Imaging	\$81,000.00
Great Lakes Imaging	102,500.00
Michigan X-Ray	111,790.00
Alpha Imaging	137,592.85
Dicom Solutions	No Reply
JZ Imaging & Consulting	No Reply
Shared Imaging	No Reply
Wolverine X-Ray/MXR	No Reply

RECOMMENDATION:

The College administration recommends a contract award to RPS Imaging. for \$81,000.00 for one (1) Portable X-Ray Unit, as requested by the School of Health and Human Services in accordance with the specifications of Sealed Bid #21846.



John S. Satkowski, JD
Vice President of Financial Services



Russell A. Kavalhuna, JD
President

Henry Ford College					
Fiscal Year 2022-2023					
Board of Trustees General Fund Report With Original Budget (SUMMARY)					
	FY2021-2022	Change From	FY2021-2022	Change From	FY 2022-2023
	Adopted	Adopted to	Adjusted	Adjusted Budget	Original
Revenues	Budget	FY22-23	Budget	to FY22-23	Budget
Tuition and Fees	\$ 48,837,000	\$ 270,000	\$ 48,137,000	\$ 970,000	\$ 49,107,000
Local Property Taxes	\$ 14,666,000	\$ 953,000	\$ 14,966,000	\$ 653,000	\$ 15,619,000
State Appropriation	\$ 26,882,000	\$ 2,003,000	\$ 28,162,000	\$ 723,000	\$ 28,885,000
Other Revenue	\$ 867,000	\$ 18,000	\$ 667,000	\$ 218,000	\$ 885,000
Total Revenue	\$ 91,252,000	\$ 3,244,000	\$ 91,932,000	\$ 2,564,000	\$ 94,496,000
Expenditures					
Instruction	\$ 34,016,729	\$ 930,552	\$ 35,118,729	\$ (171,448)	\$ 34,947,281
Administration	\$ 14,874,267	\$ 1,122,262	\$ 14,574,269	\$ 1,422,260	\$ 15,996,529
Physical Plant	\$ 2,472,090	\$ 234,274	\$ 2,232,092	\$ 474,273	\$ 2,706,365
Employee Benefits	\$ 22,500,143	\$ 884,138	\$ 22,700,143	\$ 684,138	\$ 23,384,281
Total Personnel Costs	\$ 73,863,230	\$ 3,171,226	\$ 74,625,233	\$ 2,409,223	\$ 77,034,456
Purchased Services	\$ 6,253,157	\$ 69,149	\$ 6,313,157	\$ 9,149	\$ 6,322,306
Materials and Supplies	\$ 2,515,786	\$ (69,167)	\$ 2,474,786	\$ (28,167)	\$ 2,446,619
Rent, Utilities, and Insurance	\$ 2,571,086	\$ 66,003	\$ 2,571,086	\$ 66,003	\$ 2,637,089
Operating Expenses	\$ 1,604,921	\$ 39	\$ 1,604,918	\$ 42	\$ 1,604,960
Mandatory transfers	\$ 2,957,876	\$ 749,750	\$ 2,856,876	\$ 850,750	\$ 3,707,626
Capital Expenses	\$ 679,944	\$ -	\$ 679,944	\$ -	\$ 679,944
Total Expenditures	\$ 90,446,000	\$ 3,987,000	\$ 91,126,000	\$ 3,307,000	\$ 94,433,000
Total Revenues	\$ 91,252,000	\$ 3,244,000	\$ 91,932,000	\$ 2,564,000	\$ 94,496,000
Excess Revenues/(Expenditures)	\$ 806,000	\$ (743,000)	\$ 806,000	\$ (743,000)	\$ 63,000