

Course/Capstone/eProject/FURI Purchase Request

Name of Class or Project: EGR 314

Vendor (one vendor per form):

Date	Faculty/PI Contact	Student Name & Email	eProject?	Capstone Project?	Course Project?	eProject Industry Sponsor (if applicable)
2/28/25	Nichols / Aukes		Yes / No	Yes / No	Yes / No	n/a
A purchasing card is available to check out for local purchases or you may come to Sulton 101 and order your supplies, using this purchasing card.						
Qty	Item # or Quote #	Direct Website Link to Product	General Description of Item		Business Purpose/Benefit for the Purchase	
6	12345ABCDE	www.thisistheplace.com/12345ABCDE (SAMPLE: PLEASE START ON NEXT LINE)	safety goggles		protect student/instructor eyes while working on project; benefit to the University of reducing number of accidents in the lab	
2	ESP32-S3-WROOM-1-N	https://www.digikey.com/en/products/detail/espressif-systems/ESP32-S3-WROOM-1-N	ESP32-S3		EGR314 Project	
3	EEE-FTE221XAP	https://www.digikey.com/en/products/detail/panasonic-electronic-components/EEE-FTE221XAP	CAP ALUM 220UF 20% 25V SMD		EGR314 Project	
3	EEE-FT1A151AR	https://www.digikey.com/en/products/detail/panasonic-electronic-components/EEE-FT1A151AR	CAP ALUM 150UF 20% 10V SMD		EGR314 Project	
5	KGM21NR71H104MT	https://www.digikey.com/en/products/detail/kyocera-avx/KGM21NR71H104MT	CAP CER 0.1UF 50V X7R 0805		EGR314 Project	
3	08056D106KAT2A	https://www.digikey.com/en/products/detail/kyocera-avx/08056D106KAT2A	CAP CER 10UF 6.3V X5R 0805		EGR314 Project	
10	0805B103K251DC	https://www.digikey.com/en/products/detail/nextgen-components/0805B103K251DC	Cap.,SMD,0805,X7R,10nF,10%,250V		EGR314 Project	
4	0805B105K250CC	https://www.digikey.com/en/products/detail/nextgen-components/0805B105K250CC	CAP SMD,0805,X7R,1UF,10%,25V		EGR314 Project	
2	USBLC6-2SC6	https://www.digikey.com/en/products/detail/stmicroelectronics/USBLC6-2SC6	TVS DIODE 5.25VWM 17VC SOT23-6		EGR314 Project	
2	PMEG4030ER	https://www.digikey.com/en/products/detail/evvo/PMEG4030ER/22674531	DIODE SCHOTTKY 40V 3A SOD123FL		EGR314 Project	
5	1N5819HW-7-F	https://www.digikey.com/en/products/detail/diodes-incorporated/1N5819HW-7-F	DIODE SCHOTTKY 40V 1A SOD123		EGR314 Project	
8	150080BS75000	https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/150080BS75000	Led, Blue, 470 Nm, 3.2 V, 30 Ma, 145 Mcd RoHS		EGR314 Project	
4	Q466002.NR	https://www.digikey.com/en/products/detail/littelfuse-inc/Q466002-NR/521338	FUSE BRD MNT 2A 63VAC 63VDC 1206		EGR314 Project	
4	HI1206T500R-10	https://www.digikey.com/en/products/detail/laird-signal-integrity-products/HI1206T500R-10	FERRITE BEAD 50 OHM 1206 4LN		EGR314 Project	
4	MPZ1608S601ATA00	https://www.digikey.com/en/products/detail/tdk-corporation/MPZ1608S601ATA00	FERRITE BEAD 600 OHM 0603 4LN		EGR314 Project	
3	USB3131-30-0230-A	https://www.digikey.com/en/products/detail/gct/USB3131-30-0230-A/9859642	USB - micro B USB 2.0 Receptacle Connector 5		EGR314 Project	
4	702460801	https://www.digikey.com/en/products/detail/molex/702460801/760165	CONN HEADER VERT 8POS 2.54MM		EGR314 Project	
5	LPPB081NFFN-RC	https://www.digikey.com/en/products/detail/sullins-connector-solutions/LPPB081NFFN-RC	CONN HDR 8POS 0.05 GOLD PCB		EGR314 Project	
5	15291025	https://www.digikey.com/en/products/detail/molex/0015291025/315122?s=N4	CONN SHUNT CLOSED TOP .100 GOLD		EGR314 Project	
3	54-00132	https://www.digikey.com/en/products/detail/tensility-international-corp/54-00132	CONN JACK R/A PCB 5.5X2.5MM		EGR314 Project	
2	744771168	https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/744771168	FIXED IND 68UH 1.91A 120MOHM SMD		EGR314 Project	
4	ERJ-6GEYJ103V	https://www.digikey.com/en/products/detail/panasonic-electronic-components/ERJ-6GEYJ103V	RES SMD 10K OHM 5% 1/8W 0805		EGR314 Project	
8	RC0805FR-071KL	https://www.digikey.com/en/products/detail/yageo/RC0805FR-071KL/727444	RES 1K OHM 1% 1/8W 0805		EGR314 Project	
8	ERJ-6GEYJ512V	https://www.digikey.com/en/products/detail/panasonic-electronic-components/ERJ-6GEYJ512V	RES SMD 5.1K OHM 5% 1/8W 0805		EGR314 Project	
5	434111025826	https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/434111025826	Switch Tactile Spst-no 0.05A 12V		EGR314 Project	
5	5003	https://www.digikey.com/en/products/detail/keystone-electronics/5003/36266	Test Point, Orange, 1-Pin THD, RoHS		EGR314 Project	
2	LM2595S-3.3/NOPB	https://www.digikey.com/en/products/detail/texas-instruments/LM2595S-3.3-NOPB	IC REG BUCK 3.3V 1A TO263		EGR314 Project	
2	C1Q 750	https://www.digikey.com/en/products/detail/bel-fuse-inc/C1Q-750/615161	FUSE BRD MT 750MA 125VAC 63VDC		EGR314 Project	

Chair or PI Approval:

Date:

Business Purpose/Public Benefit: (

Medical Lab Supplies Accessories & Supplies:

Business Purpose: materials purchased to stock and run the departmental labs and classrooms, used by students and departmental employees. Also for st ordering for projects and to assist with Research Projects.

Public Benefit: Supplies are used in day-to-day lab operations. ASU benefits from this expense as the supplies purchased allow departmental lab employee students to perform general lab duties, projects and class activities and to assist with Research Projects.

Accounts: State, Local (Sponsored and Foundation only if authorized

Mentor/F

1. A purchasing card is available to check out for local purchases. 2. You may come to Sutton 101 and place your order online.

SECTION BELOW IS FOR OFFICE USE ONLY

ORDER PLACED BY / DATE: _____

B.O. NOTIFIED BY / DATE: _____

ORDER RECEIVED BY / DATE: _____

STUDENT / INSTRUCTOR NOTIFIED BY / DATE: _____

COST CENTER + PROGRAM/GIFT TO CHARGE: _____



Unit Price	Line Total
\$ 3.490	\$ 20.94
\$2.95	\$ 5.90
\$0.87	\$ 2.61
\$0.53	\$ 1.59
\$0.12	\$ 0.36
\$0.08	\$ 0.24
\$0.04	\$ 0.42
\$0.11	\$ 0.46
\$0.36	\$ 0.72
\$0.50	\$ 1.00
\$0.25	\$ 1.25
\$0.17	\$ 1.36
\$0.91	\$ 3.64
\$0.13	\$ 0.52
\$0.10	\$ 0.40
\$0.77	\$ 2.31
\$0.95	\$ 3.80
\$1.06	\$ 5.30
\$0.59	\$ 2.95
\$0.86	\$ 2.58
\$2.03	\$ 4.06
\$0.10	\$ 0.40
\$0.10	\$ 0.80
\$0.10	\$ 0.80
\$0.52	\$ 2.60
\$0.39	\$ 1.95
\$5.14	\$ 10.28
\$ 0.370	\$ 0.74

Sub-Total	\$ 59.03
Tax	
Shipping	

Grand Total \$ 50.03

Student

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