



## Undergraduate Engineering Student Endowment Laboratory Fund: WESEL

### Equipment Funded:

<u>Year</u>	<u>DEPT</u>	<u>Location</u>	<u>Equipment</u>	<u>WESEL</u>	<u>Dept</u>	<u>Faculty</u>	<u>Total</u>	<u>WESEL / Yr</u> <u>Total</u>
2012/13	MME	SEB 1076	Marcel Boilers	\$13,491	\$13,491		\$26,982	\$13,491
2013/14	CBE	SEB 1081	Filter Press	\$8,500	\$17,513	\$8,500	\$34,513	\$15,500
	CEE	SEB 22	Quantum Datalogger	\$7,000	\$10,720	\$7,000	\$24,720	
2014/15	CBE	SEB 1080/81	Particle Size Reduction Mill	\$6,409	\$12,817	\$6,409	\$25,635	\$13,809
	ECE	SEB 3101	Mechatronics Lab Equipment	\$7,400	\$14,814	\$7,400	\$29,614	
2015/16	CBE	SEB 1080/81	Equipment for particulate operations and organic Chemistry.	\$5,023	\$10,046	\$5,023	\$20,092	\$12,980
	MME	SEB 1076	Pressurization test rigs	\$7,957	\$15,915	\$7,957	\$31,829	
2016/17	MME	SEB 1076	Steam Turbine Upgrade	\$5,370	\$10,740	\$5,371	\$21,481	\$8,142
	ECE	SEB 3099	UHF Antenna (ECE 4432)	\$2,772	\$5,544	\$2,772	\$11,088	
2017/18	CBE	SEB 1080/81	Sedimentation & Fermentation Monitoring System	\$14,793	\$29,586	\$14,793	\$59,172	\$20,895
	ECE	SEB 3099	UHF Antenna (ECE 4432)	\$3,000	\$6,127	\$3,000	\$12,127	
	MME	SEB 3098	Extensometers (Tensile Testing Lab)	\$3,102	\$6,205	\$3,102	\$12,409	
2018/19	CBE	SEB 1040	Gas chromatographs (3)	\$13,538	\$27,076	\$13,538	\$54,152	\$26,130
	CEE	SEB 22	Concrete compressive strength testing equipment.	\$5,687	\$11,375	\$5,687	\$22,749	
	MME	SEB 1071	Small Scale laser cutter	\$6,905	\$13,812	\$6,905	\$27,622	
2019/20	CBE/MME	SEB 1077	Heat transfer equipment.	\$24,741	\$12,370	\$12,370	\$49,481	\$54,741
	CEE	SEB 22	Triaxial shear testing equipment.	\$30,000	\$16,985	\$20,955	\$67,940	
2020/21	CBE	SEB 1082	Infrared spectrophotometer	\$12,342	\$10,513	\$7,618	\$30,473	\$60,000
	CBE	SEB 1079	Engineering Coffee Course Equipment	\$2,642	\$5,260	\$2,642	\$10,544	
	MME	SEB 3105	Mechanical Vibration Stations	\$45,016	\$23,508	\$22,973	\$91,497	
2021/22	CBE	SEB 1079	Equipment for Engineering Coffee Course	\$2,918	\$1,459	\$1,460	\$5,837	Approved: Purchases Pending
	CBE	SEB 1082	Lab instrumentation for in situ monitoring of chemical and biochemical kinetics and conjugation.	\$11,087	\$6,000	\$5,543	\$22,630	
	CBE/MME	SEB 1077	Refrigeration Laboratory Equipment	\$24,369	\$12,185	\$12,185	\$48,739	
	CEE	SEB 19	Analytical Instrumentation for Environmental Engineering Lab	\$18,475	\$9,237	\$9,237	\$36,949	
	ECE	ACEB 3455	Auto Lab W PCB milling machine	\$11,800	\$11,800		\$23,600	
	ECE	SEB 2093	Lab equipment update: PC's Lab equipment update: digital	\$5,400	\$5,400		\$10,800	
	ECE	SEB 3107	oscilloscopes/multimeters, function generators	\$25,951	\$32,035	\$6,084	\$64,070	
Totals				<u>\$325,688</u>	<u>\$352,533</u>	<u>\$198,524</u>	<u>\$876,745</u>	