Bachelor of ELECTRONICS ENGINEERING TECHNOLOGY (EET)

4-Year Recommended Course Sequence

Updated May 2025

Click on the Course Name to access the course in the Undergraduate Catalog 24-25

Fall Semester 1	Spring Semester 2	Fall Semester 3	Spring Semester 4	Fall Semester 5	Spring Semester 6	Fall Semester 7	Spring Semester 8
EET 205 [3] DC Circuits	**EET 207 [3]** AC Circuits (EET 205)	**EET 201 [3]** Fundamentals of Electronics (EET 205, INQ 170)	**EET 202 [3]** Fundamentals of Digital Systems (EET 201)	**EET 315 [3]** Microprocessors & Digital Systems Design (EET 202, *EET 316)	**EET 320 [3]** Embed Microprocessor Systems (EET 315, EET 316)	**EET 460 [1]** Senior Design A (Senior Standing in EET)	**EET 480 [3]** Senior Design B (MET 460)
ENG 100 [3] Intensive Writing **or** **ENG 101 [3]** College Writing I	**ESC 102 [3]** Technical Writing (Preferred) (ENG 101) **OR** **ENG 102 [3]** College Writing II (ENG 101)	**GET 240 [3]** Programmable Logic Controllers (EET 205)	**GET 315 [3]** Advanced Programming Methods	**EET 316 [1]** Microprocessors & Digital Systems Design Lab (EET 202, *EET 315)	**EET 330 [3]** Adv. Circuit Analysis (EET 207, MTT 300)	**EET 410 [3]** Power Electronic Systems (MTT 301, EET 330)	**GET 444 [3]** HMI Applications For PLCs (GET 240)
GET 255 [3] Intro Robotics & Automated Systems	**PHY 221 [5]** College Physics I (MTH 165 or MTH 167)	**GET 285 [3]** Science of Alternative Energy	**CHM 251 [3]** College Chemistry 1 (MTH 149)	**GET 310 [3]** Computer Systems Tech. (*EET 315)	**EET 430 [3]** App. of FPGAs & VHDL (EET 315, EET 316)	**EET 411 [1]** Power Elec. Systems Lab (*EET 410)	**EET 440 [3]** Feedback Control Systems (MTT 301, EET 330 & *EET 441)
MTH 148 [4] Math for Business Majors I (MTH 165 or MTH 167- C or better)	**MTH 149 [4]** Math for Business Majors II (MTH 165 or MTH 167- C or better)	**Communications Elective [3]**	**CHM 256 [1]** College Chemistry Lab 1 (MTH 149)	**PHL 215 [3]** Technology Ethics (ENG 102 or ESC 102)	**Program Technical Elective [3]**	**EET 415 [3]** Electronic Circuits/ Signals/Systems (EET 201, EET 330, *EET 416)	**EET 441 [1]** Feedback Control Systems Lab (*EET 440)
☆ **INQ 170 [3]** Engineering Launch		**Society and Human Behavior Elective [3]**	**Business Elective [3]**	**MTT 300 [3]** Applied Math (MTH 149)	**MTT 301 [3]** Advanced Applied Math (MTT 300)	**EET 416 [1]** Electronic Circuits/ Signals/Systems Lab (*EET 415)	**Program Technical Elective [3]**
		****ESC 130 [1]** Engineering Co-op Orientation	**Global Human Perspectives Elective [3]**	**African American History & Culture Elective [3]**		**Program Technical Elective [3]**	
						Diversity in Society Elective [3]	
15 Total Credit Hours	15 Total Credit Hours	16 Total Credit Hours	16 Total Credit Hours	16 Total Credit Hours	15 Total Credit Hours	15 Total Credit Hours	13 Total Credit Hours

Total Credits for EET Degree: 120 or 121 with ESC 130 Co-op Orientation

(Prerequisites) • (*Pre/co-requisite) • [# of Course Credits] • EET XXX = Only Offered That Fall/Spring Semester

- Required EET Courses ****ESC 130** Highly recommended, yet optional.
- Required Science Courses
- Required English Courses
- Required Writing Across the Curriculum (WAC)

- Required EET Electives ****3 semesters of co-op can replace 1 elective**
- Required Math Courses
- Core Curriculum Electives

EASILY EARN AN IST MINOR AS AN EET MAJOR! CLICK HERE TO LEARN HOW

EASILY EARN AN OSM MINOR AS AN EET MAJOR! CLICK HERE TO LEARN HOW

☆**ESC 120** Intro to Engineering Design can replace **INQ 170** for transfer students and students who completed an inquiry launch course other than INQ 170. Neither course is required for transfer students with an Associates of Applied Science degree.

↓ **Scroll Down to View the 5-Year Plan Degree Chart** ↓

Bachelor of ELECTRONICS ENGINEERING TECHNOLOGY (EET)

5-Year Recommended Course Sequence

Updated May 2025

CLICK HERE for Course Catalog Description

Fall Semester 1	Spring Semester 2	Fall Semester 3	Spring Semester 4	Fall Semester 5	Spring Semester 6	Fall Semester 7	Spring Semester 8	Fall Semester 9	Spring Semester 10
EET 205 [3] DC Circuits	★**INQ 170** [3] Engineering Launch	**EET 201** [3] Fundamentals of Electronics (EET 205, INQ 170)	**EET 202** [3] Fundamentals of Digital Systems (EET 201)	**EET 315** [3] Microprocessors & Digital Systems Design (EET 202)	**GET 315** [3] Advanced Programming Methods	**GET 310** [3] Computer Systems Tech. (*EET 315)	**EET 440** [3] Feedback Control Systems (MTT 301, EET 330)	**EET 460** [1] Senior Design A (Senior Standing in EET)	**EET 480** [3] Senior Design B (MET 460)
GET 255 [3] Intro Robotics & Automated System	**EET 207** [3] AC Circuits (EET 205)	**GET 240** [3] Programmable Logic Controllers (EET 205)	**CHM 251** [3] College Chemistry 1 (MTH 149)	**EET 316** [1] Microprocessors & Digital Systems Design Lab (EET 202)	**EET 320** [3] Embed Microprocessor Systems (EET 315)	**EET 415** [3] Electronic Circuits/ Signals/Systems (EET 201 and EET 330)	**EET 441** [1] Feedback Control Systems Lab (MTT 301, EET 330)	**EET 410** [3] Power Electronic Systems (MTT 301, EET 330)	**GET 444** [3] HMI Applications for PLC's (GET 240)
ENG 100 [3] Intensive Writing **or** **ENG 101** [3] College Writing I	**MTH 149** [4] Math for Business Majors II (MTH 165 or MTH 167 – C or better)	****ESC 130** [1] Engineering Co-op Orientation	**CHM 256** [1] College Chemistry 1 Lab (MTH 149)	**GET 285** [3] Science of Alternative Energy	**EET 330** [3] Adv. Circuit Analysis (EET 207, MTT 300)	**EET 416** [1] Electronic Circuits/ Signals/Systems Lab (EET 201 and EET 330)	**Program Technical Elective** [3]	**EET 411** [1] Power Elec. Systems Lab (*EET 410)	**EET 430** [3] App. Of FPGA's & VHDL (EET 315, EET 316)
MTH 165 [3] Intensive Precalc I **OR** **MTH 167** [3] Precalculus I	**ESC 102** [3] Technical Writing (Preferred) (ENG 101) **OR** **ENG 102** [3] College Writing II (ENG 101)	**PHY 221** [5] College Physics I (MTH 165 or MTH 167)	**Society and Human Behavior Elective** [3]	**MTT 300** [3] Applied Math (MTH 149)	**MTT 301** [3] Advanced Applied Math (MTT 300)	**PHL 215** [3] Technology Ethics (ENG 102 or ESC 102)	**Business Elective** [3]	**Program Technical Elective** [3]	**Program Technical Elective** [3]
			Communications Elective [3]	**Global Human Perspectives Elective** [3]		**African American History & Culture Elective** [3]	**General Elective Course** [3]	**Diversity in Society Elective** [3]	
								General Elective Course [3]	
12 Total Credit Hours	13 Total Credit Hours	12 Total Credit Hours	13 Total Credit Hours	13 Total Credit Hours	12 Total Credit Hours	13 Total Credit Hours	13 Total Credit Hours	14 Total Credit Hours	12 Total Credit Hours

Total Credits for EET Degree: 120 or 121 ith ESC 130 Engineering Co-op Orientation

(Prerequisites) • (*Pre/co-requisite) • [# of Course Credits] • EET XXX = Only Offered That Fall/Spring Semester

- Required EET Courses ****ESC 130** is highly recommended, yet optional.
- Required Science Courses
- Required English Courses
- Required Writing Across the Curriculum (WAC)
- Required EET Electives ****3 semesters of co-op can replace 1 elective**
- Required Math Courses
- Core Curriculum Electives

★**ESC 120** Intro to Engineering Design can replace **INQ 170** for transfer students and students who completed an inquiry launch course other than INQ 170. Neither course is required for transfer students with an Associates of Applied Science degree.

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