![Miami Dade College logo]

Electronics Engineering Technology
Associate in Science | Code: 26039 | 68 credits
CIP (1615030301**)**
Effective Term: Fall 2024 (2247)

This program transfers to four-year institutions. See department advisor for information. The Electronics Engineering Technology program prepares students for work as technicians in various fields of electronics technology. No previous experience is required to enter. Courses offered cover basic and advanced electrical circuits, semi-conductors, integrated circuits, pulse circuits, digital computer circuits, electrical machinery, communication systems and industrial control. Theory and laboratory experience is provided.

GENERAL EDUCATION REQUIREMENTS (15.00 Credits)
COMMUNICATIONS (3.00 credits)

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).

HUMANITIES (3.00 credits)

ARH 1000	Art Appreciation	(3 credits)	
HUM 1020	Introduction to Humanities	(3 credits)	
LIT 2000	Introduction to Literature	(3 credits)	Prerequisite: ENC 1101
MUL 1010	Music Appreciation	(3 credits)	
PHI 2010	Introduction to Philosophy	(3 credits)	
THE 2000	Theatre Appreciation	(3 credits)	

MATHEMATICS (3.00 credits)

MAC 1105	College Algebra	(3 credits)	Prerequisite: MAT 1033♦

♦**Note:** Students must seek advisement for proper mathematics course from discipline chairperson.

NATURAL SCIENCE (3.00 credits)

PHY 2053	Physics (without Calculus) 1	(3 credits)	Prerequisite: MAC 1114 or MAC 1147; Corequisite: PHY 2053L

SOCIAL SCIENCE (3.00 credits)

AMH 2010	History of the US to 1877	(3 credits)
AMH 2020	History of the US since 1877	(3 credits)
POS 2041	American Federal Government	(3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
Computer Competency Test (CCT)
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CGS 1060C   Introduction to Computer Technology & Applications

MAJOR COURSE REQUIREMENTS (45.00 Credits)

CET 1110C	Digital Circuits	(4 credits)	Prerequisite: EET 1015C, MAC 1105; Pre/Corequisite: COP 2270
CET 2113C	Advanced Digital Circuits	(4 credits)	Prerequisite: CET 1110C, COP 2270; Pre/Corequisite: EET 1141C
CET 2123C	Microprocessors	(4 credits)	Prerequisite: CET 1110C and COP 2270
COP 2270	"C" for Engineers	(4 credits)	Pre/Corequisite: MAC 1105
EET 1015C	Direct Current Circuits	(4 credits)	Prerequisite: MAC 1105

EET 1025C	Alternating Current Circuits	(4 credits)	Prerequisite: EET 1015C; Pre/Corequisite: MAC 1114 or MAC 1147
EET 1141C	Electronics 1	(4 credits)	Prerequisite: EET 1025C, and MAC 1114 or MAC 1147
EET 2101C	Electronics 2	(4 credits)	Prerequisite: EET 1141C
ETI 2670	Engineering Economic Analysis	(3 credits)	
ETS 2673C	Programmable Logic Controls	(4 credits)	
MAC 1114	Trigonometry	(3 credits)	Prerequisite: MAC 1105 or MAC 1106
MAC 1140	Pre-Calculus Algebra	(3 credits)	Prerequisite: MAC 1105

MAJOR COURSE ELECTIVE (8.00 Credits)

EET 1082	Introduction to Electronics	(3 credits)	
EET 2323C	Analog Communications	(4 credits)	Prerequisite: EET 1141C
EET 2351C	Digital and Data Communications	(4 credits)	Prerequisite: CET 2123C
EGN 2200	Computer Applications in Engineering	(3 credits)	