Miami Dade College

Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
MAC 1105	College Algebra	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
Social Science	AMH 2010, AMH 2020, POS 2041	3	
COP 2270	"C" for Engineers	4	Pre/Corequisite: MAC 1105
	Semester Credits	**13**	

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites
Humanities	ARH 1000, HUM 1020, LIT 2000 MUL 1010, PHI 2010, THE 2000	3	**Note**: ENC 1101 is a prerequisite to LIT 2000.
EET 1015C	Direct Current Circuits	4	Prerequisite: MAC 1105
MAC 1114	Trigonometry	3	Prerequisite: MAC 1105 or MAC 1106
Electives	CET 1171, CET 1178C, CET 1487C, CET 2113C, CET 2588C, EET 1082, EET 2323C, EET 2351C EGN 2200	3	**Note**: Check with advisor for requisite information.
	Semester Credits	**13**	

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites
PHY 2053	Physics (without Calculus) 1	3	Prerequisite: MAC 1114 or MAC 1147; Corequisite: PHY 2053L
PHY 2053L	Physics (without Calculus) 1 Lab	1	Prerequisite: MAC 1114 or MAC 1147; Corequisite: PHY 2053
CET 1110C	Digital Circuits	4	Prerequisites: EET 1015C, MAC 1105; Pre/Corequisite: COP 2270
	Semester Credits	**8**	

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites
MAC 1140	Pre-Calculus Algebra	3	Prerequisite: MAC 1105
ETS 2673C	Programmable Logic Controllers	4	Prerequisite: CET 1110C
CET 2123C	Microprocessors	4	Prerequisites: CET 1110C and COP 2270
EET 1141C	Electronics 1	4	Prerequisites: EET 1025C, and MAC 1114 or MAC 1147
	Semester Credits	**15**	

Semester 5

Course ID	Course Title	Credits	Pre/Co-requisites
ETI 2670	Engineering Economic Analysis	3	Prerequisite: MAC 1105
EET 1025C	Alternating Current Circuits	4	Prerequisite: EET 1015C; Pre/Corequisite: MAC 1114 or MAC 1147
Electives	CET 1171, CET 1178C, CET 1487C, CET 2113C, CET 2588C, EET 1082, EET 2323C, EET 2351C, EGN 2200	4	**Note**: Check with advisor for requisite information.
	Semester Credits	**11**	

Semester 6

Course ID	Course Title	Credits	Pre/Co-requisites
CET 2113C **--OR--** EET 2323C	Advanced Digital Circuits **--OR--** Analog Communications	4	Prerequisite: CET 1110C, COP 2270; Pre/Corequisite: EET 1141C **--OR--** Prerequisite: EET 1141C
EET 2101C	Electronics 2	4	Prerequisite: EET 1141C

CSP ---OR--- CGS 1060C	Computer Skills Placement (CSP) ---OR--- Introduction to Computer Technology and Applications		**Departmental Recommendation**: Computer Skills Placement (CSP)
	Semester Credits	8	
	Program Total	68	

Academic Pathway at MDC: The AS in Electronic Engineering Technology is a pathway to the BAS in Supervision and Management. To learn more about the courses listed see College Catalog.