

COLLEGE: Miami Dade College
 HIGH SCHOOL(S): Miami Dade County Public Schools

CLUSTER: Science, Technolgy, Engineering, Mathematics
 PATHWAY: Computer Information Systems
 PROGRAM: Computer Programming and Analysis - Business

ADULT LEARNER ENTRY POINTS

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES				
					RECOMMENDED ELECTIVE COURSES	OTHER ELECTIVE COURSES	CAREER AND TECHNICAL EDUCATION COURSES		
SECONDARY	9	English I	Algebra or higher	Earth & Space Science or Biology	American History	9th grade transition	College and Careers 820902001 or Intro. to IT		
	10	English II	Geometry or higher	Biology or Chemistry	World History	Foreign Language	Business Computer Programming 1	Physical Education	
	11	English III	Algebra II or higher	Chemistry or Physics or Physical Science	American Government / Economics	Foreign Language	Business Computer Programming 2	Fine Arts	
	12	English IV	Pre-calculus or higher	Science elective		Foreign Language	Business Computer Programming 3	Internship	
POSTSECONDARY	Year 1 1st Semester	ENC 1101 Eng Comp I	MAC 1105 - College Algebra or higher		CLP 1006 Psych of Personal Effectiveness	CGS 1060 Intro to Microcomputers	COP 1170 - Intro to Visual Basic		
	Year 1 2nd Semester	Speech Communications (SPC 1026)				COP 1220 Intro to C++	COP 2171 Advanced Visual BASIC	CIS 2321 Intro. to Systems Analysis and Design	
	Year 2 1st Semester					CGS 2405 Advanced C++ Programming	ACG 2021 Financial Accounting and Lab	COP 2800 Java Prgramming	Computer elective
	Year 2 2nd Semester				PHI 2604 Critical Thinking/Ethics	COP 2334 OO Programming in C++	COP 2805 Advanced Java Programming	Computer elective	



Required Courses
Recommended Elective Courses
Career and Technical Education Courses
Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2) (◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)
Mandatory Assessments, Advising, and Additional Preparation