

Montgomery College Courses	Howard University Courses
MATH280 Multivariable Calculus (4cr)	MATH158 - CalculusIII
PHYS 161- General Physics I: Mechanics and Heat (3crs)	PHYS 013- Physics for Science and Eng(3crs)
PHYS 262- General Physics II:Electricity and Magnetism(Lecture+Lab) (4crs)	PHYS014 - Physics II for Science and Eng (3crs) HHYS024 - Physics II Lab(1 crs)
ENEE 207 - Electric Circuit(4crs)	EECE 203 - Fundamentals of Circuit Theory (4 crs)
ENEE 222- Elements of Discrete Signal Analysis	EECE 333- Fundamentals of Signals and System(4crs)
ENEE 244 - Digital Logic Design(3crs)+	EECE 212 - Fundamentals of Digital System(4crs) EECE 218 - Fundamental Digital System Lab(1cr)
ENEE 245 - Digital Circuits and System Lab(2crs)	
ENGL 102 - Critical Reading, Writing, and Research 3 semester hours (ENGF)	ENGW 104 - Writing Lit &Dis 3
CHEM 135 - General Chemistry for Engineers 4 semester hours	CHEM 003 and CHEM 005 General chemistry lab and lecture 4+1 cr
MATH-182 Calculus 2(4 cr)	MATH 157 Calculus 2 (4cr)
MATH -282 Differential equation(3crs)	MATH159 Differential Equation
HUM electives - Intro to Sociology (3)	SOCI001(3CRS)
ARTS- Intro to Arts(3)	AFST(101)(3cr)
MATH 181 - Calculus I(4)	MATH 156 Calc - 1(4)