

Name: _____

UH ID: _____

Windward Community College**ASSOCIATE IN SCIENCE IN NATURAL SCIENCE – Engineering (AS) 2024-25**

FOUNDATION REQUIREMENTS				
Written Communication (FW) Required 3 credits.	Course	Credit	Grade	Term
ENG 100				
Quantitative Reasoning (FQ)	Course	Credit	Grade	Term
The Foundation FQ requirement will be met by MATH 241 (requirement concentration course)				
Global & Multicultural Perspectives (FG) Required 6 credits from 2 different groups.	Course	Credit	Grade	Term
FGA: ANTH 151; ART 175; HIST 151 FGB: ANTH 152; ART 176; GEO 102; HAW 100; HIST 152 FGC: EARTH 135; REL 150				
DIVERSIFICATION REQUIREMENTS				
Arts, Humanities, & Literature Required 3 credits	Course	Credit	Grade	Term
Arts (DA) ART 101, 104D, 105B, 105C, 107, 107D, 108, 111, 112, 113, 114, 115, 116, 123, 126, 131, 189, 202, 207, 208, 213, 214, 220, 223, 224, 243, 244, 251, 253, 260; CM 120, 126, 204C, 220, 223, 240, 242, 280, 286, 295A, 295B; DNCE 121, 131, 122, 132, 221, 231, 252(1)*, 270; ENG 204A, 204B, 204C, 204D, 280, HWST 130, 131, 135, 136, 222,; HUM 100, 269V(1-6)*; ICS 123, 203; JOUR 200, 270, 286; MUS 108, 114(2)*, 121B(2)*, 121C(2)*, 121D(2)*, 121F(2)*, 121G(2), 121H(2)*, 121Z(2)*, 122B(2)*, 122C(2)*, 122D(2)*, 122F(2)*, 122H(2)*, 122Z(2)*, 130F(2)*, 211(2)*, 221C(2)*, 221F(2), 221Z(2), 222C(2)*, 222F(2), 222Z(2), 231B(1)*, 231C(1)*, 231F(1)*, 231Z(1)*, 240, 253, 280; SP 151, 251, 253; THEA 101, 131, 132, 133, 211, 220, 221, 222, 223, 225, 231, 232, 233, 240, 251(1)*, 252(1)*, 260, 280 *Any combination that totals 3 credits				
Humanities (DH) ART 269V(1-6)*; CM 255; HWST 107, 110, 115, 140, 142, 215, 217, 253, 270, 273, 275, 275L(1)*, 285; HIST 241, 242, 260, 270, 281, 282, 284, 285; IS 231; LING 102; MUS 106, 107, 166, 177, 277; PHIL 100, 101, 102, 211, 213; REL 151, 201, 202, 205, 206, 207, 212, 217; THEA 177				
Literature (DL) ENG 271, 272; HWST 263				
SOCIAL SCIENCES (DS) Required 3 credits	Course	Credit	Grade	Term
ANTH 175, 175L(1), 210; BOT 105; ECON 130, 131, 220; GEO 151, 252; HWST 255, HDFS 230; JOUR 150; PACS 108; POLS 110, 120, 130, 180, 243; PSY 100, 170, 212, 224, 225, 240, 241, 250, 251, 253, 255, 260, 270, 271; SOC 100, 214, 218, 231, 251; SW 200; SP 261; WGSS 151, 200				
Concentration Requirements Engineering Emphasis 33-34 credits	Course	Credit	Grade	Term
CHEM 161 General Chemistry I (3)				
CHEM 161L General Chemistry Laboratory I (1)				
CHEM 162 General Chemistry II (3)				
MATH 241 Calculus I (4)				
MATH 242 Calculus II (4)				
MATH 243 Calculus III (3)				
MATH 244 Calculus IV (3)				
PHYS 170 General Physics I (4)				
PHYS 170L General Physics I Laboratory (1)				
PHYS 272 General Physics II (3)				
PHYS 272L General Physics II Laboratory (1)				
CE 270 Applied Mechanics I (3) or EE 160 Programming for Engineers (4) or EE 211 Basic Circuit Analysis I (4) or PHYS 274 Introduction to Modern Physics (3) or SCI 295EN Introduction to STEM Research in Engineering (1-3)				
ELECTIVES 12 credits numbered 100 or above to achieve a total of 60 credits	Course	Credit	Grade	Term
Graduation Requirements				
<input type="checkbox"/> Complete 60 credits in courses numbered 100 or above and have a cumulative GPA of 2.0 or higher for all course work taken in fulfillment of the degree.				
<input type="checkbox"/> Any one course can fulfill only one area. (eg: SP151, SP 251, THEA 222)				
<input type="checkbox"/> When there is a break in enrollment (not attending fall or spring semester), you must use the graduation requirements in effect at the time you return to WCC.				
<input type="checkbox"/> At least 12 of the credits for the A.A. degree must be earned at Windward Community College.				
<input type="checkbox"/> No more than 12 credits in any combination of independent study or cooperative education may apply to the degree requirements.				
<input type="checkbox"/> Last day for graduation certification is the last day of instruction.				
Total Credits		60		

NSCI-ENGR