Name: _____ UH ID: _____

Windward Community College

ASSOCIATE IN SCIENCE IN NATURAL SCIENCE – Engineering (AS) 2021-22

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; **GEOG** 102; **HIST** 152 **FGC: REL** 150				
DIVERSIFICATION REQUIREMENTS				
Arts, Humanities, & Literature Required 3 credits	Course	Credit	Grade	Term
Arts (DA) **ART** 101, 104D, 105B, 105C, 107, 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, 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)*, 121Z(2)*, 122B(2)*, 122C(2)*, 122D(2)*, 122F(2)*, 122Z(2)*, 130F(2)*, 211(2)*, 221C(2)*, 222C(2)*, 231B, 231C, 240, 253, 280; **SP** 151, 251, 253; **THEA** 101, 131, 132, 133, 211, 220, 221, 222, 223, 225, 231, 232, 233, 240, 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, 255, 263, 270, 273, 275, 275L(1)*, 285; **HIST** 230, 241, 242, 260, 270, 281, 282, 284, 285; **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** 238				
SOCIAL SCIENCES (DS) Required 3 credits	Course	Credit	Grade	Term
ANTH 175, 175L(1), 210; **BOT** 105; **ECON** 130, 131, 220; **GEOG** 151, 252; **HDFS** 230; **JOUR** 150; **PACS** 108; **POLS** 110, 120, 130, 180, 243; **PSY** 100, 170, 202, 212, 224, 240, 241, 250, 251, 253, 257, 260, 270; **SOC** 100, 214, 218, 231, 251; **SOCS** 225; **SW** 200; **SP** 261; **WS** 151, 200, 202				
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** 295V Introduction to STEM Research (1-3)				
ELECTIVES 12 credits numbered 100 or above to achieve a total of 60 credits	Course	Credit	Grade	Term
Graduation Requirements □ 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. □ Any one course can fulfill only one area. (eg: SP151, SP 251, THEA 222) □ 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. □ At least 12 of the credits for the A.A. degree must be earned at Windward Community College. □ No more than 12 credits in any combination of independent study or cooperative education may apply to the degree requirements. □ Last day for graduation certification is the last day of instruction.				
Total Credits		**60**		