

Transfer Articulation Agreement

SUNY ADK			
Course	Course Name	SUNY GER	Credits
Year 1 - Fall			
HRD 000	Freshman Experience		1
ENG 101	Writing I		3
MAT 131	Calculus I		4
EGR 120	Introduction to Engineering		3
	General Education Elective	X	3
CHM 111	General Chemistry I		4
	Health and Wellness		1
Year 1 - Spring			
ENG 110	Elements of Technical Writing		3
MAT 132	Calculus II		4
EGR 105	Engineering Physics I		4
CIS 143	Introduction to Programming		3
	Engineering Core Elective (See Note 1)		4
Year 2 - Fall			
EGR 222	Circuit Analysis		4
MAT 231	Calculus III		4
EGR 106	Engineering Physics II		4
	General Education Elective	X	3
EGR 207	Mechanics I - Statics		3
Year 2 - Spring			
	Health and Wellness		1
MAT 232	Differential Equations and Series		4
EGR 204	Engineering Physics III		4
EGR 209	Mechanics II - Mechanics of Materials		3
Total credits eligible for transfer:			70

SUNY Poly		
Course	Equivalent Course Name	Credits
Year 1 - Fall		
FYS 100	First Year Seminar	1
ENG 101	Freshman Composition	3
MAT 151	Calculus I	4
ESC 110	Introduction to Engineering	3
GE 001	General Education Elective	3
CHE 130T/L	Introductory Chemistry I	4
REC 000	Recreation Elective	1
Year 1 - Spring		
ASCI 000	Arts and Sciences Elective	3
MAT 152	Calculus II	4
PHY 201	Calculus Based Physics I	4
ESC 120	Design Tools and Processes	3
ELEC 000	General Elective	4
Year 2 - Fall		
ECE 260	Electrical Circuits	3
MAT 253	Calculus III	4
PHY 202	Calculus Based Physics II	4
GE 001	General Education Elective	3
ESC 210	Engineering Mechanics: Statics	3
Year 2 - Spring		
REC 000	Recreation Elective	1
MAT 260	Ordinary Differential Equations & Series Solutions	4
PHY 000	Physics Elective	4
ESC 230	Mechanics of Materials	3
Total transfer credits applied to this program:		62
Year 3 - Fall		
ESC 220	Materials Science	3
ME 220	Kinematics and Mechanisms	3
ME 310	Design & Manufacturability	3
MAT 280	Linear Algebra	4
ME 330	Thermodynamics I	3
Year 3 - Spring		
ESC 240	Dynamics	3
ME 340	Thermodynamics II	3
ME 390	Machine Design	3
ESC 370	Design of Experiments	3
ME 320	Fluid Mechanics	3
MAT 450	Partial Differential Equations	4
Year 4 - Fall		
ME 4XX	ME Elective	3
ME 4XX	ME Elective	3
ME 480	Capstone 1	3
ME 410	Heat Transfer	3
COM 306	Upper Division Writing	4
Year 4 - Spring		
ME 400+	Upper Division ME Elective	3
ME 400+	Upper Division ME Elective	3
ME 482	Capstone 2	3
ME 446	Dynamic Systems	3
GE 001	General Education Elective	4
Total transfer credits applied to this program:		67
Total credits required for degree:		129