

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
	Social Science 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 A)		3
CHM 112	General Chemistry II		4

**Year 2 - Fall**

EGR 222	Circuit Analysis		4
MAT 231	Calculus III		4
EGR 106	Engineering Physics II		4
	General Education Elective		3
	Engineering Core Elective (See note A)		3-4

**Year 2 - Spring**

	Health and Wellness		1
MAT 232	Differential Equations and Series		4
EGR 204	Engineering Physics III		4
	Engineering Core Elective (See note A)		3-4

<b>Total credits eligible for transfer:</b>	<b>67</b>
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SUNY Poly		
Course	Equivalent Course Title	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
SOS 001	Social Science 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
CS 108	Computing Fundamentals	3
ELEC 000	General Elective	3
CHE 131T/L	Introductory Chemistry II	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
ELEC 000	General Elective	3-4

**Year 2 - Spring**

REC 000	Recreation Elective	1
MAT 260	Ordinary Differential Equations & Series Solutions	4
PHY 202	Physics II	4
ELEC 000	General Elective	3-4

<b>Total transfer credits applied to this program:</b>	<b>67</b>
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**Year 3 - Fall**

ESC 120	Design Tools and Processes	3
GE 001	General Education Elective	4
GE 001	General Education Elective	4
CE 230	Civil Engineering Materials	3
CE 220	Professionalism	2

**Year 3 - Spring**

CE 330	Fluid Mechanics	3
CE 301	Structural Engineering	4
CE 302	Transportation Engineering	3
CE 303	Environmental Engineering	4
CE 304	Geotechnical Engineering	3

**Year 4 - Fall**

ESC 260 or ME 330		3
	CE Emphasis 1	3
CE 335	Water Resource Engineering	3
CE 480	Capstone Design 1	3
	CE Emphasis 2	3

**Year 4 - Spring**

CE 481	Capstone Design 2	3
CE 300+	Upper Division CE Elective	3
ELEC 000	General Elective	3
ELEC 000	General Elective	3
COM 306	Upper Division Writing	4

<b>Total transfer credits applied to this program:</b>	<b>64</b>
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<b>Total credits required for degree:</b>	<b>128</b>
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