Student _____

ID # _____

Advisor _____

ENGINEERING, AS DEGREE
Computer Science Major

Sem. & Yr. Taken		**FIRST SEMESTER - FALL**		Grade
_____	CSC 221	Intro to Problem Solving & Programming	3	_____
_____	CHM 111	College Chemistry I	4	_____
_____	EGR 121	Foundations of Engineering	2	_____
_____	ENG 111	College Composition I	3	_____
_____	MTH 263	Calculus I	4	_____
_____	SDV 101	Orientation to Computer Science and Information Technology (or SDV 100)	1	_____
			17	

Sem. & Yr. Taken		**THIRD SEMESTER- FALL**		Grade
_____	CSC 222	Object-Oriented Programming	4	_____
_____	MTH 265	Calculus III	4	_____
_____	PHY 241	University Physics I	4	_____
_____ _____		EGR Social Science Elective(s)[2]	3	
			15	

Sem. & Yr. Taken		**SECOND SEMESTER - SPRING**		Grade
_____	EGR 122	Engineering Design	3	_____
_____	ENG 112	College Composition II	3	_____
_____	MTH 264	Calculus II	4	_____
_____		EGR Humanities/Fine Arts Elective(s)[1]	3	_____
_____	HIS 101	Western Civilizations Pre-1600 CE (or HIS 121/HIS 102/HIS 122)	3	_____
			16	

Sem. & Yr. Taken		**FOURTH SEMESTER - SPRING**		Grade
_____	CSC 223	Data Structures and Analysis of Algorithms	4	_____
_____ _____		EGR Humanities/Fine Arts Elective(s)[1]	3	_____
_____	MTH 288	Discrete Mathematics (or CSC 208)[3]	3	_____
_____ _____		Engineering Technical Elective(s)[4]	5-8	_____
			15-18	

TOTAL MINIMUM CREDITS FOR AS DEGREE – 63-66

[1]Students may choose from college approved Humanities/Fine Arts Elective in the college catalog. The two required Humanities/Fine Arts electives cannot be from the same discipline area.

[2]Social Science electives include the following: ECO (excluding ECO 120), GEO, PLS, PSY (excluding PSY 120), or SOC. Virginia Tech may recommend ECO 201-202; students should consult the specific requirements of the specific program at the transfer institution.

[3]MTH 288 *(or CSC 208)* is a co-requisite for CSC 223.

[4]Students may choose from the following Engineering Technical Electives: EGR 125 (4 cr.), EGR 206 (2 cr.), EGR 240 (3 cr.), EGR 245 (3 cr.), EGR 246 (3 cr.), EGR 270 (4 cr.), EGR 271 (4 cr.), EGR 272 (4 cr.), EGR 2XX Mass Energy Balance I (3 cr.), EGR 2XX Mass Energy Balance II (3 cr.), ACC 211 (3 cr.); BIO 101 (4 cr.), CHM 112 (4 cr.), CHM 241 (3 cr.), CHM 242 (3 cr.), CHM 245 (2 cr.), CHM 246 (2 cr.), CSC 215 (3 cr.), PHY 242 (4 cr.), ECO 201 (3 cr.), and ECO 202 (3 cr.).

NOTES:

Students planning to transfer should consult the four-year transfer institution to determine course recommendations prior to registering for classes at NRCC.

General transfer information is available at www.nr.edu/transfer.

VT Foreign Language Graduation Requirement: Students must have had 2 years of a foreign language in high school or one year at the college level (6 credit hours) of the same language. College level credits used to meet this requirement do not count towards the degree.

Approved 12/11/23