ADVANCE AGREEMENT

To maintain my enrollment in the ADVANCE/NOVA- MASON partnership, I acknowledge that I will:

- Enroll in a minimum of six credits approved for my Advance pathway each fall semester and each semester.
- Complete ENG 111, ENG 125 and the required math for my Advance pathway with grades of A, B, or C in each course within my first 30 credits of enrollment at NOVA.
- Earn grades of A, B or C in all courses.
- Maintain a minimum 2.5 cumulative grade point average each semester at NOVA.
- Maintain communication with my ADVANCE Success Coach each semester to insure that I am enrolled in the courses leading to completion of my associate's degree.
- Read and comply with the NOVA and MASON Codes of Student Conduct at: ***nvcc.edu/students/handbook/conduct.html*** and ***studentconduct.gmu.edu***
- Adhere to the Mason Honor Code: *To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University Community and with the desire for greater academic and personal achievement, we, the student members of the university community, have set for this Honor Code: Student Members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.*
- Be responsible for responding to emails sent to my NOVA and MASON email accounts
- Graduate from NOVA with the applicable Associate of Arts, Associate of Science or Associate of Applied Science degree.

<u>Administration of ADVANCE</u>

Advance students with 63 or fewer credits are guided by the academic policies of NOVA. Advance students with 64 or more credits are guided by the academic policies of MASON.

Violations of student behavioral codes may be addressed by one or both institutions. The applicable code will be based on location of the incident(s), severity, as well as in collaboration between the conduct offices at both institutions. Additionally, a student may be charged by both institutions if a possible outcome is suspension or dismissal (expulsion).

Referrals for possible violations of Academic Integrity will be addressed according to the host institution of a particular class. This will be determined by the course listing (i.e. either NOVA or MASON) as well as the affiliation of the faculty member instructing the course.

Enrollment and Financial Aid

With the written approval of the Success Coach, ADVANCE students may co-enroll in a maximum of 9 credits at Mason during the first 63 credits of NOVA enrollment. Each lower-level course must be designated 100-299 and be approved to fulfill an associate's degree pathway requirement.

Advance students recognize that academic, registration and payment policies are different at NOVA and MASON. Additionally, the academic calendars of both institutions vary. Students are expected to comply with the deadlines, policies and procedures at the institution where they are taking courses.

For purposes of awarding financial aid, NOVA will be the home school until the student has completed 63 credits toward their associate's degree in the Advance Program at NOVA, and Mason will be the host school. Upon completion of 63 credits toward their associate's degree in the Advance Program at NOVA, Mason will become the home school, and NOVA will be the host school.

FERPA and Student Records

NOVA and MASON will share academic and financial aid information about ADVANCE students under the terms of the Family Educational Rights and Privacy Act of 1974 (FERPA). FERPA protections go into effect on the first day of classes of the student's first term of enrollment.

I agree to abide by the information provided in the ADVANCE Agreement.

Name:_____

EMPL ID:_____

Date:_____

3/1/2019

ADVANCE
A NOVA | MASON PARTNERSHIP

A.S. Engineering/B.S. Mechanical Engineering

2019-20

A.S. Engineering Pathway 2019-2020

ADVANCE Program Milestones

1. Students must take SDV 100 or SDV 101 in the first semester at NOVA.
2. Students must begin Developmental coursework in the first semester in ADVANCE at NOVA.
3. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MTE or ENF courses (excluding summer).
4. In the first 30 credits, students must:
- **a. Complete ENG 111 and ENG 112 with a C or better.**
- **b. Complete the first college-level MTH course with a C or better.**
- **c. Engineering students must begin the calculus sequence and complete Calculus I and II with a B or better.**

5. Students must complete at least six degree-applicable credits with a C or better each fall and spring semester.
6. Students must maintain a 2.5 cumulative GPA.
7. Students must apply for NOVA graduation and complete their Associate's degree.

	NOVA DEGREE REQUIREMENT SEQUENCE	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	**SDV Course**	1	SDV 100 College Success Skills **OR** SDV 101 Orientation to Engineering	UNIV 100	ELECTIVE
2	**ENG 111**	3	ENG 111 College Composition I	ENGH 101	Written Comm
3	**Social/Behavioral Sciences #1**	3	HIS 101 History of Western Civilization I **OR** HIS 102 History of Western Civilization II **OR** HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125	Western Civ
4	**MTH 263**	4	MTH 263 Calculus I	MATH 113	Quant
5	**CST Course**	3	CST 100 Principles of Public Speaking **OR** CST 110 Introduction to Communication	COMM 100 COMM 101	Oral Comm
6	**Technical Elective #1**	4	CHM 111 College Chemistry I	CHEM 211-213	NAT SCIENCE
7	**ENG 112**	3	ENG 112 College Composition II	ENGH XXX	Elective
8	**EGR 122**	2	EGR 122 Engineering Design	ME 151	DEGREE
9	**MTH 264**	4	MTH 264 Calculus II	MATH 114	DEGREE
10	**Humanities/Fine Arts #1**	3	ART 101 History and Appreciation of Art I **OR** ART 102 History and Appreciation of Art II **OR** CST 130 Introduction to Theatre **OR** CST 151 Film Appreciation I **OR** MUS 121 Music Appreciation I	ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts
11	**Social/Behavioral Sciences #2**	3	ECO 202 Principles of Microeconomics	ECON 103	Soc/Behav
12	**MTH 265**	4	MTH 265 Calculus III	MATH 213	DEGREE
13	**Technical Elective #2**	4	CSC 201 Computer Science I	CS 112	DEGREE
14	**Technical Elective #3**	3	EGR 240 Solid Mechanics (Statics)	ME 211	DEGREE
15	**PHY 231**	5	PHY 231 General University Physics I	PHYS 160-161-266	NAT SCIENCE
16	**Humanities/Fine Arts #2**	3	REL 100 Introduction to the Study of Religion **OR** REL 231 Religions of the World I	RELI 100 RELI 212	Global
17	**Technical Elective #4**	3	EGR 246 Mechanics of Materials	CEIE L310 or ME 212	DEGREE
18	**PHY 232**	5	PHY 232 General University Physics II	PHYS 260-261-XXX	DEGREE
19	**Technical Elective #5**	3	EGR 245 Engineering Mechanics (Dynamics)	ME 231	DEGREE
20	**Technical Elective #6**	3	MTH 266 Linear Algebra	MATH 203	DEGREE
21	**MTH 267**	3	MTH 267 Differential Equations	MATH 214	DEGREE
A. S. ENGINEERING DEGREE TOTAL		**69**			

For academic policies and procedures, please see NOVA catalog - http://www.nvcc.edu/catalog/index.html

	MASON DEGREE REQUIREMENT SEQUENCE	Credits	Course	MASON CORE/DEGREE EQUIVALENT
22	**Engineering**	3	ECE 330 Circuit Theory	DEGREE
23	**Gen Ed: Literature**	3	Approved Literature course*	Literature
23	**Engineering**	3	ME 221 Thermodynamics	DEGREE
24	**Engineering**	1	ME 311 Mechanical Experimentation I	DEGREE
25	**Engineering**	3	ME 313 Material Science	DEGREE
26	**Engineering**	3	ME 322 Fluid Mechanics	DEGREE
27	**Engineering**	3	ME 341 Design of Mechanical Elements **OR** ME 342 Design of Thermal Systems	DEGREE
28	**Engineering**	3	ME 351 Analytical Methods in Engineering	DEGREE
29	**Gen Ed: Written Communication (Upper level)**	3	ENGH 302 Advanced Composition (Natural Science Section)	Written Comm
30	**Engineering**	3	ME 331 Mechatronics	DEGREE
31	**Engineering**	1	ME 321 Mechanical Experimentation II	DEGREE
32	**Engineering**	3	ME 323 Heat Transfer	DEGREE
33	**Engineering**	3	ME 352 Entrepreneurship in Engineering	DEGREE
34	**Engineering**	3	ME 443 Mechanical Design I	DEGREE
35	**Engineering**	2	ME 453 Developing the Societal Engineer	DEGREE
36	**Technical Electives**	3	Approved Technical Elective**	DEGREE
37	**Technical Electives**	3	Approved Technical Elective**	DEGREE
38	**Technical Electives**	3	Approved Technical Elective**	DEGREE
39	**Technical Electives**	3	Approved Technical Elective**	DEGREE
40	**Engineering**	4	ME 432 Control Engineering	DEGREE
41	**Gen Ed: Synthesis/Engineering**	3	ME 444 Mechanical Design II	Synthesis & Writing Intensive
B.S. MECHANICAL ENGR DEGREE TOTAL		**128**		

Denotes a course that must be taken at George Mason University. Please see your Success Coach to enroll.

***For approved Mason Core courses, please visit - https://catalog.gmu.edu/mason-core/**

****For approved Technical Electives, please visit: https://catalog.gmu.edu/colleges-schools/engineering/mechanical/mechanical-engineering-bs/#requirementstext**

For academic policies and procedures, please see Mason catalog - https://catalog.gmu.edu/policies/

Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation requirements