Commonwealth of Virginia
Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400
Richmond, VA 23233
(804) 367-8506
www.dpor.virginia.gov

Board for Architects, Professional Engineers, Land Surveyors,
Certified Interior Designers and Landscape Architects
COURSE REQUIREMENTS FOR ENGINEERING TECHNOLOGY PROGRAM

The information on your application indicates that you have not graduated from an engineering or related science curriculum of four years or more. In accordance with 18 VAC 10-20-190.5 (or 18 VAC 10-20-210.5) of the *Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects Regulations*, complete the following tables to provide documentation of the academic course work that meets the requirements of ABET accreditation for the engineering technology curricula. Attach official transcript(s) to verify courses listed on this form.

1. Name _____
   Last First Middle Generation
2. Social Security Number or Virginia DMV Control Number✳ ☐☐☐ - ☐☐ - ☐☐☐☐

✳ State law requires every applicant for a license, certificate, registration or other authorization to engage in a business, trade, profession or occupation issued by the Commonwealth to provide a social security number or a control number issued by the Virginia Department of Motor Vehicles.

Accreditable Baccalaureate Program

Course Work: Minimum 124 Semester Hour Credits (SHC) or 186 Quarter Hour Credits (QHC)

Requirements:	SHC	QHC
Technological Courses (including Technical Sciences, Specialties and Electives)	48	72
Basic Sciences and Mathematics Basic Sciences: including Physics, Chemistry and Life & Earth Sciences w/ lab (8 SHC or 12 QHC). Mathematics: includes College Algebra, Trigonometry and Calculus 12 SHC or 18 QHC); excludes Computer Programming.	24	36
Social Sciences and Humanities Includes good oral and written communications (9 SHC or 13 QHC) and Social Science or Humanities (8 SHC or 12 QHC). Cannot include Physical Education or Military Drill.	24	36
Balance of Program Maximum of 8 SHC or 12 QHC of cooperative education experience for professional development of technologist (credit for work experience does not count here). No more than ½ of the maximum (4 SHC or 6 QHC) co-op credit may be counted in the Junior/Senior years.	28	42
TOTAL	**124**	**186**

TECHNOLOGICAL COURSES:

Includes technical sciences, specialties and electives. Minimum requirements of 48 semester hour credits (SHC) or 72 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	Course Hours QHC
		Total Hours		
		TOTAL HOURS REQUIRED	48	72

BASIC SCIENCES AND MATHEMATICS:

Basic Sciences - includes physics, chemistry and life & earth sciences with labs. Minimum requirements of 8 semester hour credits (SHC) or 12 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	Course Hours QHC
		Total Hours		
		TOTAL HOURS REQUIRED	8	12

Mathematics - includes college algebra, trigonometry and calculus, and excludes computer programming. Minimum requirements of 12 semester hour credits (SHC) or 18 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	QHC
		Total Hours		
		TOTAL HOURS REQUIRED	12	18

Other Sciences and Mathematics – includes college algebra, trigonometry and calculus, and excludes computer programming. Minimum requirements of 4 semester hour credits (SHC) or 6 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	QHC
		Total Hours		
		TOTAL HOURS REQUIRED	4	6

SOCIAL SCIENCES AND/OR HUMANITIES:

Oral and Written Communication – Minimum requirements of 9 semester hour credits (SHC) or 13 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	QHC
		Total Hours		
		TOTAL HOURS REQUIRED	9	13

Social Sciences and Humanities – Does not include physical education or military drill. Minimum requirements of 8 semester hour credits (SHC) or 12 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	Course Hours QHC
		Total Hours		
		TOTAL HOURS REQUIRED	8	12

Other Social Sciences and Humanities – Does not include physical education or military drill. Minimum requirements of 7 semester hour credits (SHC) or 11 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours SHC	Course Hours QHC
		Total Hours		
		TOTAL HOURS REQUIRED	7	11

BALANCE OF PROGRAM:

Maximum of 8 semester hour credits (SHC) or 12 quarter hour credits (QHC) of cooperative education experience for professional development of technologist. Credit for work experience does not apply. No more than ½ of maximum co-op credit (4 SHC or 6 QHC) may be applied in junior/senior years. Minimum requirements of 28 semester hour credits or 42 quarter hour credits.

Institution	Course No.	Course Title	Course Hours SHC	Course Hours QHC
		Total Hours		
		TOTAL HOURS REQUIRED	28	42