![Vermont State University logo] **Vermont State University** | # Minimum Program Prerequisites

Thank you for considering Vermont State University.

Our admission guidelines are designed to ensure you are prepared to be successful in your major of choice at Vermont State. During the admission process, we will take into consideration your overall academic record including courses taken and rigor of coursework, as well as any optional items submitted such as letters of recommendation, a personal statement, or standardized test scores.

Please see below for a list of majors with additional or specific requirements for entry. Meeting minimum requirements does not guarantee admission. We look forward to working with you through the admission process.

ADMISSION GUIDELINES Vermont State Academic Program	Level	Mathematics, Science, Other Requirements in addition to English & history/social science normally required for high school graduation
Applied Business Degree Completion	B.S.	Fifty (50) transferrable higher education credits
Architectural & Building Engineering Technology	A.A.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Architectural Engineering Technology	B.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Aviation Maintenance	A.A.S.	Students must hold, or be in the process of completing, a FAA Mechanic Certificate with Airframe & Powerplant Rating
Civil & Environmental Engineering Technology	A.E.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry
Computer Information Technology	B.S. / A.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry
Computer Software Engineering	B.S. / A.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry
Construction Management	B.S. / A.A.S.	Algebra I; Geometry; Algebra II recommended; Lab Physics or Lab Chemistry recommended
Dental Hygiene	B.S.	Lab Chemistry and Lab Biology or college-level Anatomy & Physiology part 1 (within the last 10 years), math and English preparation as demonstrated through: minimum Accuplacer scores and/or approved transfer credit. Recommended high school math preparation includes Algebra I, Algebra II, and Geometry.
Dental Hygiene Online Degree Completion	B.S.	A.S. in Dental Hygiene w/ 2.5 minimum GPA; two letters of recommendation
Early Childhood Education Online	B.S.	Prior work experience with children from birth to age 5; successful completion of Intro to Early Childhood Education course; associate or bachelor's degree from a regionally accredited institution; admitted students must achieve a 3.0 GPA or higher in their final semester of the program to meet licensure eligibility requirements.
Electrical Engineering Technology	B.S. / A.E.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Electromechanical Engineering Technology	B.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Manufacturing Engineering Technology	B.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Mechanical Engineering Technology	A.E.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry (Physics preferred)
Nursing	A.S.	Current Vermont State University PN students see Direct Progression Criteria. All others, LPN licensure with no restrictions/sanctions/conditions with a minimum 3.0 GPA in LPN coursework or equivalent; math and English preparation as demonstrated through minimum Accuplacer scores and/or approved transfer credit. If not a VTC/VTSU graduate, must have transferable credits in Anatomy & Physiology I & II, Nutrition, and Lifespan Developmental Psychology. Science courses must be taken within the last ten years with a minimum grade of C or higher.
Nursing	B.S.	Cumulative high school academic GPA of 3.0 or higher with strong performance in all math and science courses. Transfer student cumulative college GPA of 2.8 or higher. Transfer students must have completed their science courses within 10 years prior to admission. To progress in the Nursing program all students must maintain a cumulative GPA of 2.8 or higher and receive grades of B- or greater in all courses required for the Nursing major, and C+ or greater in all other math and science courses. All students matriculating are required to complete clearance procedures including a criminal background check and drug screening prior to enrollment. Final acceptance to the program is conditional upon receipt of appropriate clearances. Additional clearance procedures may be required by regulatory bodies or specific clinical agencies.
Nursing Online Degree Completion	B.S.	Unencumbered/conditioned, active license as a Registered Nurse within the United States; RN graduate of an accredited nursing program; 2.5 minimum ADN GPA
Paramedicine	C	Valid EMT license, healthcare provider level CPR card
Practical Nursing	C	College-level approved transfer credit in BIO 2011 Human Anatomy & Physiology Part I, BIO 2012 Human Anatomy & Physiology Part II, BIO 1030 Nutrition, and PSY 2070 Lifespan Developmental Psychology. These courses must be completed prior to the start of classes for all campuses and sites other than Randolph. Science courses must be taken within the last ten years with a grade of C or higher. Additional requirements include: math and English preparation as demonstrated through minimum Accuplacer scores and/or approved transfer credit. Recommended high school math preparation includes Algebra I, Algebra II, and Geometry.
Professional Pilot Technology	B.S.	Algebra I; Algebra II; Geometry; Lab Physics or Lab Chemistry
Radiologic Science	A.S.	Lab Chemistry and Lab Biology or college-level Anatomy & Physiology part 1 (within the last 10 years), math and English preparation as demonstrated through: minimum Accuplacer scores and/or approved transfer credit. Recommended high school math preparation includes Algebra I, Algebra II, and Geometry.
Renewable Energy	B.S.	Algebra I; Algebra II; Geometry; Lab Physics and Lab Chemistry
Respiratory Therapy	A.S.	College-level Anatomy & Physiology parts 1 and 2 (within the last 10 years) are required prior to beginning the program, math and English preparation as demonstrated through: minimum Accuplacer scores and/or approved transfer credit. Recommended high school math preparation includes Algebra I, Algebra II, and Geometry.
Veterinary Technology	A.A.S.	Algebra I; Algebra II; Lab Biology; Lab Chemistry

C: Certificate Program | A.A.S.: Associate of Applied Science | A.E.: Associate of Engineering | A.S.: Associate of Science | B.S.: Bachelor of Science

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