DIRECT TO TECH UNDERGRADUATE-GRADUATE DEGREE

ARTICULATION AGREEMENT

with Virginia Polytechnic Institute and State University

(for the Computer Engineering and Computer Science Graduate Programs)

This Agreement, effective the _____ day of _____, 2023, is made by and between Virginia Polytechnic Institute and State University, known as Virginia Tech (VT) and an eligible college or university, referred to as partner institution in this agreement, as determined in the amendments. In this instance, the partner institution is Roanoke College.

Partner Institution offers a Bachelor-level degree and courses that provide the prerequisite material needed for admission to the following graduate degree programs at VT:

- VT's Department of Computer Science (CS) Master of Engineering (MEng) Computer Science and Applications (CSA)

- VT's Department of Electrical and Computer Engineering (ECE) Master of Engineering (MEng) Computer Engineering (CPE)

Program Goals

The goal of the Direct to Tech (D2T) program in Computer Science or Computer Engineering is to enable qualified undergraduate students, including non-CS and non-engineering majors, to receive an admission offer to one of the degree programs mentioned above before completing their BS/BA degree. This agreement secures the student admission into the graduate program for which the student applies upon completion of the Bachelor-level degree. The benefit of the Direct to Tech program is to reduce the timeline of admission and to facilitate an early transition into the VT Computer Science and Applications (CSA MEng) and Computer Engineering (CPE MEng) graduate degree programs.

Program Advertising and Promotion to Students

The partner institution will take the lead in advertising the Direct to Tech program to its current and prospective students. In addition to advertising to currently enrolled undergraduates at the partner institution, advertising will include outreach to high schools from which the partner institution draws its students and to current eligible students. VT will participate in recruitment events organized by the partner institution to the extent mutually deemed necessary.

Program Requirements, Characteristics, and Application Process

Access to the program is limited to those currently enrolled at the partner institution. Interested students must apply to VT's CSA MEng or CPE MEng program in their senior year to be accepted. Applications must be submitted online, and fee waiver instructions will be provided as part of the online application process prior to submission. This process will allow all applicants to apply without an application fee. Application to the VT CSA MEng and CPE MEng graduate degree does not require submission of GRE scores. Admission to the Direct to Tech program requires a minimum overall GPA of 3.0 at the time of application. Applications must meet the requirements of the Graduate School, including submission of official transcripts.

The Addendum below outlines the prerequisite requirements for the Roanoke College student to meet to be eligible for admission.

Justification and Quality Review Process

Faculty at both institutions were involved in the formation of the MOU with review of degree program learning outcomes to ensure that degree requirements are met. An annual review of courses by faculty at both institutions will ensure quality and timely changes as needed.

Accreditation Status

This agreement is contingent upon each institution's good standing with SACSCOC.

Modifications

Modifications of the Agreement must be agreed to by the parties in writing.

Force Majeure

The performance of the Articulation Agreement by either party shall be subject to force majeure including, but not limited to, acts of God, fire, flood, natural disaster, war or threat of war, acts or threats of terrorism, civil disorder, unauthorized strikes, governmental regulation or advisory, recognized health threats as determined by the World Health Organization, the Centers for Disease Control, or local government authority or health agencies (including but not limited to the health threats of COVID-19, H1N1, or similar infectious diseases), curtailment of transportation facilities, or other similar occurrence beyond the control of the parties, where any of those factors, circumstances, situations, or conditions or similar ones prevent, dissuade, or unreasonably delay the undergraduate/graduate program, or where any

of them make it illegal, impossible, inadvisable, or commercially impracticable to hold the undergraduate/ graduate program or to fully perform the terms of the Articulation Agreement. The Articulation Agreement may be canceled by either party, without liability, damages, fees, or penalty, for any one or more of the above reasons, by written notice to the other party.

Term and Termination

This agreement shall be effective as of the date of the execution and shall continue for a term of 5 years, after which time this Agreement shall be automatically renewed for 5 years terms unless otherwise terminated herein. This Agreement may be terminated by either party by providing 1 calendar year prior written notice to the other party. Termination of this Agreement shall not affect students who are currently participating in the Direct to Tech program and the terms of this Agreement shall continue to apply to students until the completion of their undergraduate degree.

The undersigned agree to the DIRECT TO TECH ARTICULATION AGREEMENT.

_____   _____
Dean Julia Ross   Date
College of Engineering, Virginia Tech

_____   _____
Dean Aimée Surprenant   Date
Graduate School, Virginia Tech

_____   _____
Provost Cyril Clarke   Date
Virginia Tech

_____   _2-22-23_____
Kathy Wolfe   Date
Academic Vice President and Dean
Roanoke College

Addendum Roanoke College

Pathway for RC Engineering Science and Non-Engineering Science students to the RC/VT Direct to Tech Computer Science (CSA) Master of Engineering graduate program

RC Engineering Science majors and non-majors are eligible to apply in their senior year and be accepted into the RC/VT CSA graduate program by completing a set of introductory CS courses. To be eligible for admission, RC and VT recommend that students complete the following courses by the 2nd semester of their Junior year and maintain an overall minimum GPA of 3.0.

RC Course	VT Equivalent
CPSC 120 Programming and CPSC 170 Fundamentals of Computer Science	CS1114 Introduction to Software Design
CPSC 250 Data Structures and Algorithms	CS 2114 Intro to Software Design and Data Structures

Pathway for RC Engineering Science Majors and non-major students to the RC/VT Direct to Tech Computer Engineering (CPE) Master of Engineering graduate program

RC Engineering Science majors and non-majors are eligible to apply in their senior year and be accepted into the RC/VT CPE graduate program by completing a set of introductory courses below. To be eligible for admission, RC and VT recommend that RC Non-CS Major UG students complete the following courses by the 2nd semester of their Junior year and maintain an overall minimum GPA of 3.0.

RC Course	VT Equivalent
Math 118 Differential Calculus Math 119 Integral Calculus	Math 1225 Calculus of a Single Variable
Math 122 Calculus II	Math 1226 Calculus of a Single Variable II

For questions or more information regarding the VT graduate degree program in Blacksburg, contact the VT Graduate Program Coordinator. For questions or more information regarding what courses to take at RC to be prepared for admission into the VT graduate degree program, please contact the Roanoke College faculty of the Department.

Approvals

Luke Lester, Department Head
Electrical and Computer Engineering
Virginia Tech

Date

Cal Ribbens, Department Head
Computer Science
Virginia Tech

Date

Roland Minton

Roland Minton, Professor
Department Chair
Math, Computer Science, Physics
Roanoke College

2-22-23

Date