Rationale:
New York City Department of Education’s Career and Technical Education (CTE) schools and programs provide cutting edge training to unlock pathways to college and career success. Students participate in rigorous academic preparation linked to relevant work experiences in high-demand industries. Managing the largest CTE portfolio of any city in the world, the New York City Department of Education supports over 270 programs, training approximately 60,000 students per year. In collaboration with private sector partners and postsecondary educational institutions the CTE programs are aligned to eight different industry sectors working to ensure students graduate college and are career ready.

The Office of Postsecondary Readiness (OPSR) manages a portfolio of over 30 CTE programs of study within the Engineering and Architecture (EA) industry vertical. The EA portfolio includes programs of study in the following career pathways such as Architectural Design, Architectural Drafting, Civil Drafting and Civil Engineering, Electromechanical Technology, Engineering, Environmental Engineering and Technology, Logistics and Materials Management, Marine Maintenance and Robotics. Students graduate high school with certifications including AutoCAD, Certified Solid Works Associate Inventor, C-Tech-Copper Based Networking, Energy Management System, Fiber Optics, Revit, Maya, NOCTI-Pre Engineering and NOCTI-Architectural Drafting. Students graduating high school from the list included in this document will have an opportunity to further their education and training in EA career pathways at the New York Institute of Technology (New York Tech). Students graduating high school with an acceptable high school diploma will have an opportunity to further their education and training in EA career pathways at the New York Institute of Technology (New York Tech).

Purpose:
New York Tech hereby establishes an articulation agreement for students who have completed a course of study from specified programs in the CTE EA portfolio of programs recognized by the Office of Postsecondary Readiness, New York City Department of Education.

The purpose of this agreement is to strategically align respective program interests. New York Tech reserves the right to annual review of this agreement for modifications, additions, or to nullify this non-binding agreement.

Students who have completed an Office of Postsecondary Readiness (OPSR)-recognized program of study in the CTE EA portfolio, and who have been accepted into the college for direct admission into the School of Architecture & Design (for any of the following degrees: Architectural Technology, B.S.A.T. Architecture,B.Arch.) and the College of Engineering and Computing Sciences (in any of the following degrees Construction Engineering, B.S., Engineering Management, B.S. Mechanical Engineering, B.S., Mechanical Engineering, B.S. – Aerospace), will be eligible for:

1. Guaranteed Admissions: Graduates from CTE’s EA portfolio of high schools who meet all posted admissions criteria will have guaranteed admission into the programs on a space availability basis.
2. Prior Learning Credit: Graduates from select programs in the CTE EA portfolio of high schools will receive prior learning credit towards the Architectural Technology, B.S.A.T. Architecture, B.Arch., Construction Engineering, B.S., Engineering Management, B.S. Mechanical Engineering, B.S., Mechanical Engineering, B.S. – Aerospace degrees. Graduates who choose to enroll at NYIT may earn up to six (6) prior learning credits towards these degrees.
To earn credit towards the previously listed degrees, the following stipulations apply to the graduates of the CTE’s portfolio of EA programs:

A. Students from a CTE EA portfolio of high school will earn prior learning credit applicable to their New York Tech degree as noted. In order to gain credit, students must have a minimum cumulative GPA of 80/B, with three years of mathematics for Mechanical Engineering, and pass and show documentation of the following certifications. The usual fee for awarding prior learning credit will be waived.

<table>
<thead>
<tr>
<th>Certification or Exam</th>
<th>New York Tech Course</th>
<th>New York Tech Program of Study</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certiport-Autodesk Certified User-AutoCAD or Certiport-Autodesk Certified User-Inventor or Certiport-Autodesk Certified User-Inventor or NOCTI-CAD-CAM Exam 70% or higher</td>
<td>MENG 105 Engineering Graphics</td>
<td>BS Mechanical Engineering, BS Mechanical Engineering-Aerospace</td>
<td>1</td>
</tr>
<tr>
<td>NOCTI Pre-Engineering Exam 70% or higher</td>
<td>ETCS 105 Career Discovery</td>
<td>All College of Engineering and Computing Sciences majors</td>
<td>2</td>
</tr>
<tr>
<td>Certified Solid Works Associate Inventor</td>
<td>MENG 321 Introduction to Computer Aided Design</td>
<td>BS Mechanical Engineering, BS Mechanical Engineering-Aerospace</td>
<td>3</td>
</tr>
<tr>
<td>NOCTI Architectural Drafting Exam 70% or higher</td>
<td>Architecture Elective</td>
<td>BSAT Architectural Technology, Bachelor of Architecture</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Students from a CTE EA portfolio of high schools program who complete the AP Computer Science A or AP Computer Science Principles course and pass the AP Computer Science A or AP Computer Science Principles exam with score 3 and above may earn additional credit toward:

<table>
<thead>
<tr>
<th>Advanced Placement Exam</th>
<th>New York Tech Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Computer Science A</td>
<td>MENG 201 Engineering Programming</td>
<td>3</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td>General Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

The New York Tech School of Architecture & Design or the College of Engineering and Computing Sciences agrees to collaborate with the Office of Postsecondary Readiness, CTE Department when appropriate to:

- Review curriculum and credentialing.
- Provide guidance and information to prospective students on career requirements and expectations.
- Nominate faculty to participate in the EA industry commission, as a means of establishing regular connections to school and to provide feedback on curriculum and credentialing.
The CTE Department in the Office of Postsecondary Readiness of the NYC Department of Education agrees to collaborate with the New York Tech School of Architecture & Design or the College of Engineering and Computing Sciences when appropriate to:

- Ensure CTE programs receive adequate guidance and support towards program quality and New York State Education Department approval.
- Through school programs, provide career guidance and instruction throughout grades 9-12 to make informed career choices in the EA fields.
- Provide a platform such as the industry commissions to have industry and postsecondary partners review and affect curricula design choices.
- Through OPSR led capacity building supports, CTE programs will design, review, upgrade and implement curricula and program standards to more strongly align to postsecondary requirements. This will help students make a smoother transition from high school to college.

Upon approval of this agreement, all cooperating agencies can publicize in brochures and other recruitment/admissions materials. New York Tech reserves the right to make final determination on advanced placement of students; effort will be made to accommodate all qualified students on a space availability basis.

This agreement shall be in effect upon signing by both parties and revised by mutual agreement of both parties. Curriculum, equipment or facilities may be reviewed at any time per request by either party.

The term of this agreement shall commence as of June 30, 2020 and shall remain in effect until June 30, 2025. Significant changes in curricula will be taken into account upon yearly review.

Agreement accepted for New York Institute of Technology by:

**Henry C. Foley**

Henry Foley, Ph.D.  
President, New York Institute of Technology  
03/29/2021  
Date

**Dr. Janious J. Gonzales, M.D., M.B.A.**  
Provost and Vice President of Academic Affairs  
March 29, 2021  
Date

**Dr. Babak Dastgheib-Beheshti**  
Dean, College of Engineering and Computing Sciences  
February 8, 2021  
Date

**Maria R. Perbellini**  
Dean, School of Architecture and Design  
February 5, 2021  
Date

Agreement accepted for New York City Department of Education by:

**Harini Venkatesh**  
Executive Director, Career & Technical Education, Office of Postsecondary Readiness  
5/10/21  
Date

3
NEW YORK INSTITUTE
OF TECHNOLOGY

Name of School: BROOKLYN STEAM CENTER
Name of CTE Program(s): DESIGN & ENGINEERING

Name of Principal: Kayla Pryce
Principal Signature: [Signature]
Date: 11/15/2021