



WILSON TECH HANDBOOK 2019-20

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Wilson Tech Handbook

2019-20

Career & Technical Education Office
507 Deer Park Rd.
Huntington Station, NY 11746

Mailing Address:
Western Suffolk BOCES - CTE
PO Box 8007
Huntington Station, NY 11746-9007

(631) 425-9050
www.wilsontech.org



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Nancy Kelsey

Executive Director, Career & Technical Education



Wilson Tech is the career and technical education
division of Western Suffolk BOCES.

Western Suffolk BOCES Non-Discrimination Notice

The Board of Cooperative Educational Services of Western Suffolk County, New York does not discriminate on the basis of age, religion, creed, ethnic origin, national origin, marital status, race, color, gender, sexual orientation, veteran status, weight, disability or handicap in the educational programs or activities it operates and provides equal access to the Boy Scouts and other designated youth groups. This policy of non-discrimination includes the recruitment, hiring and advancement of employees; salaries, pay and other benefits; counseling services to students; student access to course offerings; lawful political activities; educational programs and other activities; and the business activities of the Board.

Inquiries concerning the application of regulations prohibiting discrimination may be referred to the BOCES Compliance Officer, Hugh Gigante, who may be contacted at 507 Deer Park Road; PO Box 8007; Huntington Station, NY 11746-9007 or 631-549-4900, ext. 204 or email hgigante@wsboces.org. Or, inquiries may be made by contacting the Office for Civil Rights at NY Office for Civil Rights, U.S. Department of Education, 32 Old Slip, 26th Floor, New York, NY 10005-2500 or call 646-428-3900, or fax 646-428-3843, or TDD 800-877-8339 or email OCR.NewYork@ed.gov or file form at <http://www2.ed.gov/about/offices/list/ocr/complaintintro.html>

**Wilson Tech
Career and Technical Education**

2019–2020 Campus Directory–Administrative/Guidance Staff

Nancy Kelsey	Executive Director	425-9050	Fax: 623-4949
Michele Falco	Division-wide Counselor	425-9050	Fax: 623-4949
Courtney Hughes	Work Study Coordinator	425-9050	Fax: 623-4949
Renee Massari	Career Pathways/Surf Tech	425-9050	Fax: 623-4949

Dix Hills Campus, Fax: 623-4904

Christopher Jackson	Principal	667-6000 x383
Mark Campbell	Assistant Principal	667-6000 x384/385
Valerie Lambert	School Counselor	667-6000 x340
Lisa Romanowski	School Counselor	667-6000 x395
Michelle Schweid	School Counselor	667-6000 x305

Adult Learning, Fax: 623-4903

Dr. Stephanie Engelmann	Principal	667-6000 x320
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Center for Alternative Education, Fax: 623-4904

Andra Ommen	Assistant Principal	667-6000 x304
Laura Raygada	TASC/ Parenting Counselor	667-6000 x232
Kristen Pisano	Alternative HS Counselor	667-6000 x230

Huntington Campus, Fax: 623-4909

Karen Bowden	Principal	754-2900
Debra Latham	School Counselor	757-9274
Maureen Mitchell	School Counselor	757-9274
Joseph Stango	School Counselor	757-9274

Northport Campus, Fax: 623-4907

Debra Montaruli	Principal	261-3600 x200
Rosemary Nagler	Asst. Principal, Health Careers	261-3600 x219
Denise Porzio	School Counselor	261-3600

Republic Airport Campus, Fax: 623-4906

Daniel Loughran	Principal	752-1957
Jacqueline Gordon	School Counselor	752-1957

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CTE Skill Programs

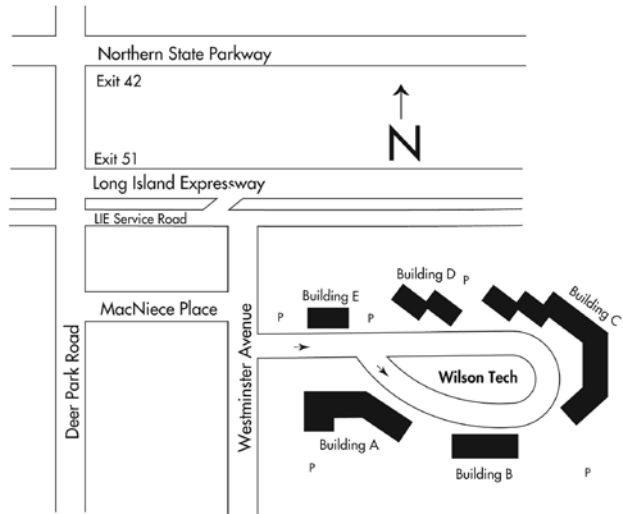
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Construction Skills	88
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Graphic Art Skills	90
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Wilson Tech Program Sites

Dix Hills Campus

17 Westminster Ave.
Dix Hills, NY 11746
631-667-6000, x385

- Advertising/Graphic Design
- Architectural and Interior Design/CAD
- Audio Production
- Auto Body Repair
- Automotive Technology
- Business & Hosp. Mgmt.
- Carpentry
- Computer Networking
- Construction Electricity

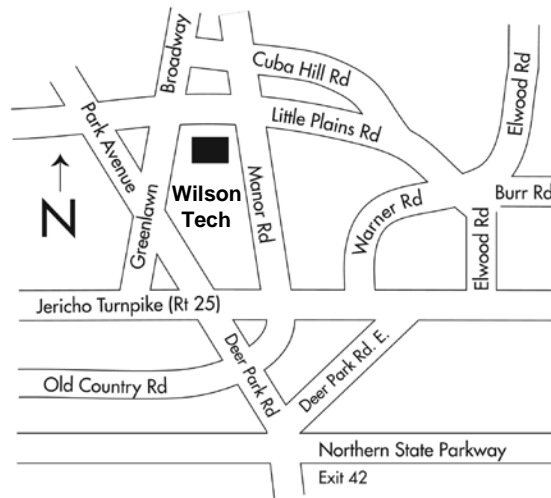


- Cosmetology
- Criminal Justice
- Culinary Arts
- Digital Film & Video Production
- Electronics/Robotics/Computer Repair
- Fashion Merchandising/Design
- HVAC/Plumbing
- Medical Assisting
- Medical Laboratory
- Nurse Assisting
- Physical Therapy Aide
- Professional Health Careers
- Professional Photography
- Welding

Huntington Campus

200 Little Plains Rd.
Huntington, NY 11743
631-754-2900

- Computer Game Design (CTB)
- Early Childhood Education
- Esthetics
- Veterinary Medical Assisting
- Diversified Career & Technical Education

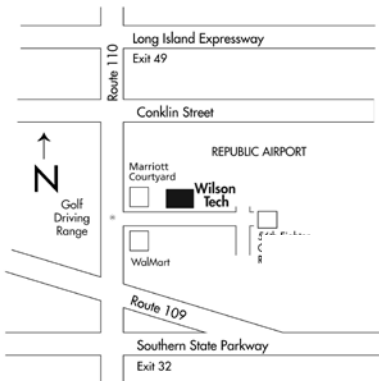


CTE Skill Programs

- Auto Technology Skills
- Computer & Business Skills
- Construction Skills
- Cosmetology Skills
- Culinary Skills
- Electronic/Robotic Skills
- Graphic Art Skills
- Health Care/Med Asst. Skills
- Small Animal Care Skills

Republic Airport Campus

7200 Republic Airport
Farmingdale, NY 11735
631-752-1957



- Aircraft/Drone Technology
- Aviation Science/Flight
- Certified Personal Trainer
- Criminal Justice
- Nurse Assisting
- Professional Health Careers

Northport Campus

152 Laurel Hill Rd.
Northport, NY 11768
631-261-3600



- Automotive Technology
- Cosmetology

Wilson Tech Calendar

Updated annually, the Wilson Tech calendar provides the prescribed number of hours of instruction. Because we serve 18 school districts, there are occasional conflicts between our calendar and a component district's calendar. When Tech is in session and the home school is closed or unable to provide transportation a student's absence will be un-weighted. If this should occur, please notify Central Administration at: mwinser@wsboces.org

Sept. 2 Labor Day
 Sept. 4 First Day of School
 Sept. 30, Oct 1..... Rosh Hashanah
 Oct. 9..... Yom Kippur
 Oct. 14..... Columbus Day
 Nov. 5..... Superintendent's Conf. Day
 Nov. 11..... Veterans' Day
 Nov. 28, 29..... Thanksgiving Recess
 Dec. 23-31..... Winter Recess

Jan. 1 New Year's Day
 Jan. 20 Martin Luther King Day
 Feb. 17-21 Mid-Winter Recess
 April 9-17..... Spring Recess
 May 22-26..... Memorial Day
 June 16 Last Day of Tech for Students
 June 26 Last Day of School

Dates may be subject to change.

WESTERN SUFFOLK BOCES School Calendar 2019-2020

JULY 2019

M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

July 4 Independence Day

AUGUST 2019

M	T	W	T	F
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

SEPTEMBER 2019

M	T	W	T	F
2	{3}	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30				

(18+1)
 September 2 Labor Day
 3 Staff Conference
 4 First Day of School
 30 Rosh Hashanah

OCTOBER 2019

M	T	W	T	F
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

(20)
 October 1 Rosh Hashanah
 9 Yom Kippur
 14 Columbus Day

NOVEMBER 2019

M	T	W	T	F
				1
4	{5}	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

(17+1)
 November 5 Supt's Conference Day
 11 Veterans Day Observed
 28-29 Thanksgiving Recess

DECEMBER 2019

M	T	W	T	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

(15)
 December 25 Christmas
 December 23-31 Winter Recess

JANUARY 2020

M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

(21)
 January 1 New Year's Day
 20 Martin L. King Day

FEBRUARY 2020

M	T	W	T	F
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

(15)
 February 17-21 (Mid-Winter Recess)

MARCH 2020

M	T	W	T	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

(22)

APRIL 2020

M	T	W	T	F
		1	2	3
6	7	8	9*	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

(15)
 April 9-17 Spring Recess

MAY 2020

M	T	W	T	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22*
25	26*	27	28	29

(18)
 May 22-26 Memorial Day

JUNE 2020

M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30			

(20)
 June 26 Regents Rating Day
 26 Last Day of School


TOTAL 181 + 2

☐ Schools Closed

*May 26, 2020, May 22, 2020 and April 9, 2020 will be utilized, in that order, as school days if there are 4th, 5th & 6th emergency school closing dates. The Board of Education reserves the right to revise this calendar if emergency school closings during the year require additional school days beyond those specified above.

Adopted: 3/5/19

Wilson Tech – Major Dates 2019/ 2020

Interim Periods End 1 st Interim – October 3 2 nd Interim – December 6 3 rd Interim – February 14 4 th Interim – May 1	Due in Tech Office by 9:00 AM October 7 December 9 February 24 May 4	On the WEB after 12PM October 11 December 13 February 28 May 7	
Marking Quarters End 1 st Quarter – November 4 2 nd Quarter – January 16 3 rd Quarter – March 20 4 th Quarter – June 15	Due in Tech Office by 9:00AM November 6 January 21 March 23 June 18	On the WEB after 12PM November 12 January 24 March 26 June 23	Incomplete Grades Due November 26 February 6 April 21

CTE/GCTE/DCTE Guidance Advisory Council Meetings: Wednesdays*

2019: September 18 November 13 December 11 (Wilsonian Room) January 29	2020: March 4 (Huntington) April 22 May 20 (Wilsonian Room)
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***Unless otherwise noted, all GAC meetings are in the Wilsonian Room at Wilson Tech, Dix Hills – 8:30 a.m.**

First Day of Classes	2019: September 4	Wednesday
Meet the Teacher – All Campuses	September 24	Tuesday (7:00-8:30pm)
Fall Technical Advisory Committee Meetings	October 22	Tuesday (6:00-8:00pm)
SkillsUSA/FFA Induction	October 29	Tuesday (6:30pm)
Skills Leadership Conference, Albany	November 3-5	Sunday through Tuesday
Education EXPO	November 21	Thursday
Holiday Board Dinner	December 5	Thursday
Guidance Advisory Holiday Brunch	December 11	Wednesday
Visitor Days 1 st Session (AM)	December 17 & 18	Tuesday & Wednesday
Winter Recess	Dec 23 – January 1	Return Thursday, January 2
Visitor Days 2 nd Session (AM)	2020: January 7 & 8	Tuesday & Wednesday
GOV/ECO Finals	January 13-16	Monday through Thursday
January State Assessments	January 21-24	Tuesday through Friday
Visitor Days 3 rd Session (AM)	February 4 & 5	Tuesday & Wednesday
Mid-Winter Recess	February 17-21	Monday through Friday
Visitor Days 4 th Session (AM)	February 26 & 27	Wednesday & Thursday
Visitor Make-Up Day (AM)	March 5	Thursday
Open House-WT-DH, Npt, Rep & Huntington	March 10	Tuesday (7:00pm)
SkillsUSA Area VI Regionals, SCC & Crest Hollow	March 17	Tuesday
PTA Night/Dinner	March 19	Thursday (6:30pm)
Spring Recess	April 9-17	Thursday through Friday
SkillsUSA NYS Conference Fairgrounds Syracuse	April 22-24	Wednesday through Friday
COS Guild	May 4	Monday-Huntington Hilton (5:30pm)
Alive Spring Event	May 6	Wednesday (5:30pm)
National Technical Honor Society Induction	May 7	Thursday Elwood High School (7:00pm)
NYS FFA Convention, Syracuse Oncenter, NY	May 13-15	Wednesday through Friday
Spring Technical Advisory Committee Working Dinner	May 19	Tuesday (6:00-8:00pm)
Related Final Exams	June 1-5	Monday through Friday
Student Awards Ceremony	June 2	Tuesday (7:00-8:30pm)
June State Assessments	June 2 & 17-26	Tuesday & Wednesday through Friday
Tech Written Final Exams	June 8-11	Monday Through Thursday
Conflict Resolution/Make-up Exams	June 12	Friday
Last Day of Tech for Students	June 16	Tuesday
Wilson Tech Recognition Ceremony	June 16	Tuesday NPT/Huntington/Republic Campuses-HHH-E (7:00pm)
Wilson Tech Recognition Ceremony	June 17	Wednesday Dix Hills Campus-HHH-E (7:00pm)
SkillsUSA National Leadership, Louisville, Kentucky	June 22-27	Monday through Saturday
CAE Recognition Ceremony	June 23	Tuesday WT/DH Campus Wilsonian Room (7:00pm)

Career & Technical Education

What is the purpose of Career & Technical Education?

The purpose of Career & Technical Education is to provide learning experiences in which all students become aware of a broad spectrum of careers, and develop skills that are adaptable to personal and career roles and for entry into employment, and to provide students so electing, learning experiences which will develop skills necessary to employment in specific career areas or postsecondary study thereof, thereby preparing students for life as productive members of society.

New York State Education Department

Availability of Career and Technical Education and Arts Sequences

All public school districts are required to offer students the opportunity to complete a three or five-unit sequence in Career and Technical Education and the Arts.

All public school districts must offer students the opportunity to begin an approved sequence in the arts in grade nine.

All public school districts are also required to provide students the opportunity to begin an approved Career and Technical Education sequence in grade nine. Only those Career and Technical Education sequences which have been approved by the Commissioner may be used to fulfill

the requirements for a diploma set forth in section 100.5 of the Regulations of the Commissioner of Education relating to general education and diploma requirements (July 2001).

For students first entering grade nine in 1985 and thereafter, each approved Career and Technical Education sequence shall include Career and Financial Management, to be offered at any point in the sequence.

For students first entering grade nine in 1988 and thereafter, approved sequences of three units of credit in a Career and Technical Education subject shall be so organized that they may be extended into approved sequences of five units of credit or more without loss of credit.

For students first entering grade nine in 1988 and thereafter, approved sequences of five units of credit or more in Career and Technical Education shall prepare students for both employment and postsecondary education, and shall be satisfactory to the Commissioner.

All public school districts shall offer students the opportunity to meet the learning standards in technology. Districts shall choose one or more options to meet this requirement, pursuant to section 100.5 of the Regulations of the Commissioner.

SED Policy on Number of Units/ Credits/Integration

CR 100.2 (w) Credit for BOCES Programs

(1) Each board of cooperative educational services (BOCES) shall determine the number of units of credit that will be earned by students successfully completing units of study in each of the instructional programs of the BOCES. The number of units of credit that may be earned for each program shall be determined after consultation with boards of education of the component school districts.

(2) In awarding credit toward a high school diploma, boards of education shall award to students who have successfully completed a BOCES program, the number of units of credit determined by the BOCES pursuant to paragraph (1) of this subdivision.

Policy

The State sequences of Career & Technical Education have been developed on the basis of the number of units of study, as such units of study are defined by Commissioner's Regulation 100.1 (a), considered to be necessary for mastery of the learning outcomes to be achieved.

It is therefore, a policy of the State Education Department that a student who has mastered the learning outcomes of an approved Career & Technical Education program requiring 3 or 4-units of study has acquired a 3-unit sequence, and a student who has mastered the outcomes of a program requiring 5 or more units of study has acquired an extended sequence toward satisfaction of diploma requirements.

These provisions do not preclude the earning of units of credit under the "testing out" provisions of Commissioner's Regulation 100.1(b)(2).

SED Policy for Career Technical Endorsement and Academic Credit

Students who participate in an approved Career and Technical Education program will:

- Pass five required Regents examinations or alternative approved by the State Assessment Panel.
- Complete a minimum of units of credit required for graduation.
- Complete a maximum of one unit of credit in: English, mathematics, science and economics and government.

This is done through a fully integrated program with documentation of academic core requirements, specialized Career and Technical Education or a combination of the two approaches.

Under Section 100.2(w) of the regulations of the Commissioner of Education, all students who participate in an approved Career and Technical Education program at a BOCES, must receive equal credit for the completion of these courses. Approval by the Department of the Career and Technical Education program affirms that this allocation of credit is appropriate. Boards of Education must award credit in the amount determined by the BOCES and approved by the Department. "For those students who have met the criteria for a technical endorsement, the Board of Education shall also affix to the diploma the appropriate endorsement."

A unit of credit is defined as 180 minutes of instruction per week for a period of 36 weeks. As the Wilson Tech session provides 2.75 hours of instruction daily, this equates to 4.5 units of credits per year.

Dual Enrollment

Regulation Ed.L.2045 Non-resident attendance

If a pupil resides in a district wherein high school courses are offered, but no career and technical high school is available therein, or if career and technical high school courses are not available in the academic school or schools designed as herein provided, such pupil may select and attend any other academic school within the state in which career and technical courses are available, and the tuition charged, if any, in excess of the difference between the cost of educating such pupil and the apportionment of public moneys on account of the attendance of such pupil, is hereby declared a charge upon the district in which such pupil resides, except, however, the cost of transportation of such pupil need not be paid by such district.

Should a career and technical education course not be available in the school district of residence or local BOCES that district, in order to provide access to the career technical education program, may elect to contract with another district or board of cooperative educational services for instruction in that subject but must pay nonresident tuition.

Dual Enrollment of Students from Private Schools

Under Section 3602-c of Education Law students from a component district attending a private school must be provided the opportunity to participate in the Career & Technical Education programs and services available to students attending the component high schools. Such attendance is commonly referred to as “Dual Enrollment.” Dual enrollment provisions apply to programs operated during the course of the school year and not to

summer programs. Nonpublic school pupils are eligible to participate in public school summer programs in the school districts in which they live on the same basis as any other resident pupils.

In these instances the enrollment application is endorsed by both the private school (who will identify course and session) and the component district.

Attendance and grade reports are sent to the private school, with student appearing on the component district enrollment roster.


Transportation to the regional center for career and technical education is the responsibility of the students' home district. The board of education must provide transportation between a nonpublic school and the site where the program is offered if the distance is more than one-fourth of a mile. The board may claim State aid for this transportation.

In order to arrange for participation in a career and technical education program, the parent of a nonpublic pupil must file a written request with the board of education of the district in which the pupil resides by June 1st. The administrator of a nonpublic school may receive and forward the requests for the parents to the board of education. Requests should be filed as early as possible so that they can be considered by the board as plans are made and budgets written. Most school districts have this process under way by winter of the year preceding the year for which the request is made, though the legal deadline is June 1st. Participation in a career and technical education program does not involve the payment of tuition by parents or pupils.

Cross Contract Information

Students from outside the Western Suffolk BOCES region may attend our career and technical programs, provided that their district superintendent submits a formal request for services, (see form). This is referred to as a cross contract in which there is a three step process:

1. The School Superintendent of the district requesting service contacts its local BOCES to request the service.
2. The district Superintendent of the district's BOCES signs the cross-contract form and forwards it to the BOCES which may provide the service.
3. The District Superintendent of BOCES willing to provide the service signs the cross contract form and distributes it to the School Superintendent of the district requesting the service and the district's local BOCES District Superintendent.

	Second Supervisory District - Suffolk County 507 Deer Park Road, Dix Hills, NY 11746 Phone: 631/549-4900 Fax: 631/423-1821	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CROSS CONTRACT FOR BOCES SERVICES </div>
PART I: To be completed by district requesting cross contract		
School District requesting service: _____ School year: _____		
Address: _____ Zip: _____		
Name of Service requested: _____ CO-SER # _____		
Name of Student (if applicable): _____		
Start Date: _____ Estimated Charge: _____		
Potential Provider: _____ Estimated Cost: _____		
School Superintendent Signature: _____		
FORWARD TO LOCAL BOCES DISTRICT SUPERINTENDENT		
PART II: To be completed by local BOCES District Superintendent		
It is requested that cross-contract arrangements be made with _____ BOCES to provide the service listed above.		
Date: _____		
Local BOCES District Superintendent Signature: _____		
Local BOCES name and address: _____		
Zip: _____		
FORWARD TO DISTRICT SUPERINTENDENT OF BOCES REQUESTED TO PROVIDE SERVICE		
PART III: To be completed by BOCES District Superintendent providing cross-contracted service		
Service Title: _____ CO-SER # _____		
Activity Code #: _____ Estimated Charge: _____		
Date: _____		
District Superintendent Signature of providing BOCES: _____		
After approval, distribute completed and signed copies of this form to:		
White: Providing BOCES Canary: Providing BOCES Program Administrative Pink: Requesting School District Goldendrod: Local BOCES		
JS-13/04/02		

Equal Opportunities for all Students

Elimination of Sex Bias and Stereotyping in Career & Technical Education

The Career & Technical Education Division has established the following goals to insure equal opportunities for all students at both the secondary and adult levels.

- (a) Admissions policies will not prevent any students from entering a career and technical course because of gender or ethnicity.
- (b) All recruitment and counseling will provide information to all interested individuals and will not imply, directly or through omission, that certain careers are more appropriate for one sex than another.
- (c) All recruitment methods and materials will promote equal enrollment and discuss equal opportunities in all occupational courses.
- (d) All courses will strive to have a representative number of females or males in non-traditional female or male courses.

ASSURANCE OF COMPLIANCE WITH TITLE IX OF THE EDUCATION AMENDMENTS OF 1972 AND THE REGULATIONS ISSUED BY THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE IN IMPLEMENTATION THEREOF:

Admissions Policy:

The Career & Technical Education program will not:

- 1. Deny admission to any student on the basis of gender or give preference to students on the basis of gender through:
 - (a) Ranking applicants separately on the basis of gender or ethnicity.

(b) Applying numerical limitations on the proportion of students admitted by gender.

(c) Using differential admissions criteria on the basis of gender, use of tests which have a disproportionate adverse effect on members of the opposite gender unless the use of such tests has shown that they will validly predict success in the program and no other tests are available.

- 2. Apply any rule concerning the actual or potential parental, family, or marital status of a student which treats persons differently on the basis of gender.
- 3. Make pre-admission inquiries as to the marital status of students. Also, no student will, on the basis of gender, be provided counseling service which:
 - (a) Differentiates by gender in career counseling.
 - (b) Differentiates by gender in individual counseling.
 - (c) Suggests the appropriateness of courses by gender.
 - (d) Provides counseling or testing instruments which require different treatment of results or separate classifications of occupations by gender.
 - (e) Provides materials that state or imply, directly or through omission, that certain academic, career, or personal choices are more appropriate for one gender than the other.
 - (f) Assigns members of the counseling staff solely on the basis of gender.

School Conduct and Discipline Policy

Conduct and Discipline Policy at Wilson Tech

Policy Statement

Western Suffolk BOCES is committed to providing a safe and orderly educational environment where students receive educational services without disruption or interference and BOCES personnel deliver quality educational instruction. Western Suffolk BOCES is also committed to maintaining a climate of mutual respect and dignity in the schools to promote learning within a safe environment. Responsible behavior by students, teachers, other BOCES personnel, parents and visitors is essential to achieving these goals.

The Western Suffolk BOCES Board has a long-standing set of expectations for conduct on school property, at school functions, and while traveling to

and from school and school events. These expectations are based on the principles of civility, mutual respect, citizenship, character, tolerance, honesty and integrity. Unless otherwise indicated, this code applies to all students, school personnel, parents and other visitors when on school property or attending a school function.

Copies of the entire Code of Conduct for Western Suffolk BOCES may be obtained from any Building Administrator, from the internet at www.wilsontech.org/conduct or by calling (631) 549-4900, ext. 24.



Tech Placement Options

	CTE Programs	CTE Skill Programs	Exploratory Programs
Student Enrollment	20+	Reduced ratio of students to teacher with assigned aide	Reduced ratio of students to teacher with assigned aide
Pace	Rigorous Must be self-directed and work independently	Moderate Must work independently	Individualized
Academic Credits	Yes	Refer to Integrated Academics chart	No
Advanced Standing for Post-Secondary	Yes	Refer to Articulation Agreements	No
CDOS Credential Eligible	Yes	Yes	No
CTE Certificate of Completion	Yes	Yes	No, Certificate of Participation
Employability Profile	Yes	Yes	No, Student Progress/Year End Summary
Grading	Yes	Yes	Optional, District decision
High School Credits	Yes, up to 4.5 credits per yr.	Yes, up to 4.5 credits per yr.	Yes, up to 4.5 credits per yr.
Job Placement Services	Yes	Yes	N/A
Leads to Employment and/or Post-Secondary Education	Yes	Yes	N/A
Technical Endorsement/ Industry Credential	Yes	Refer to Technical Endorsement Approved Exams	No
Transition Potential	N/A	Yes, to CTE Programs	Yes, to CTE Skill Programs
Typical Program Length	2 years	2 years+	Individualized

**Exploratory Programs are only available to returning students beginning 2019/20 school year.*

Enrollment Information

Wilson Tech offers morning and afternoon sessions to meet the scheduling needs of its component high schools and students.

AM Session: 7:55 AM to 10:40 AM

PM Session: 11:40 AM to 2:25 PM

Tech students follow the schedule selected by their district. All classes meet five days per week. Subject to change, based upon enrollment and student interest, not every program is offered in each session. To accommodate the number of students enrolled in campuses with multiple programs, students are divided according to geographic locations.

Apply to Wilson Tech*

Wilson Tech is available to students entering 11th and 12th grade. When the decision is made that a student will enroll at Tech, an application form must be fully completed and submitted electronically or via hard copy. All enrollment applications must be forwarded to the Admissions Office for processing. No student can be enrolled in a program unless this application process has been completed. In addition, it is required that you include a copy of the student's most recent transcript, IEP/504 plan/ Psychological/ Behavior Intervention Plan (BIP), if applicable.

*Please note: All placements are based on individual needs and approval from the district and parent/guardian.

Placement Recommendations

Appropriate placement is our utmost priority and our building counselors will work closely with you to assist with this process. In the event that a student is not meeting his/her full potential, Wilson Tech reserves the right to review and/or change a student's Tech placement when the appropriateness of the current program is called into question. Prior to any adjustment being made the student, district, and parent will be notified.

Returning Student Enrollment

Most students attend programs at Wilson Tech for two years. In March, the home school liaison counselor will receive a roster of currently enrolled students with instructions to: verify returning students, designate AM/PM sessions and indicate any program changes. This list is crucial for determining student enrollment and class size for the following year. The revised enrollment list should be submitted to the Admissions Office by, or before, the date on the accompanying memo.

Visit Wilson Tech

Prospective students are encouraged to visit Wilson Tech during their sophomore year. School orientations are arranged by the Tech counselor and the home school liaison at the district's discretion. Tech allots two mornings in December and January as well as four mornings in February for home school visitations. There is also a scheduled Visitor Make-Up day in March. Component school districts may request alternative dates that better meet their scheduling needs.

They can also request additional tours or individual visits by contacting Tech counselors assigned to specific campus sites. Every effort will be made to accommodate these requests. **Unauthorized visitations are not permitted. Tech students may not bring friends or visitors to class unless a formal request has been made by the home high school.**

*For current availability please call the CTE Administration Office at 631-425-9050.

Course Requests / Changes

Request for Academic Subjects

Tech offers a variety of academic subjects to assist students in completing graduation requirements. Integrated academics are commencement level subjects, approved by NYS Education Department, and imbedded into the curriculums of approved Tech programs. As a result, it is not necessary for students to leave their classrooms to receive instruction in those subjects; however districts must request these subjects in writing. (See current “Integrated Academics Chart”).

Upon the district’s request, students may enroll in pull-out academics. Pull-out classes require students to leave their Tech programs to receive instruction.

Please keep in mind that pull-out and integrated academics affect CTE credits. See example below:

- 3 credits Tech
- 1 credit Applied Science or Tech Science
- ½ credit Health

A “Request for Academic & Support Services” form may be electronically submitted via our website at www.wilsontech.org or mailed to:

Western Suffolk BOCES
CTE Admissions
PO Box 8007
Huntington Station, NY 11746-9007

In addition, Home School counselors should email Admissions personnel to inform them of additions, withdrawals or changes in academic subjects. Requests may be emailed to lfranzi@wsboces.org

If the home school would like to add any additional academic subjects to our course selections, please indicate subjects on the “Request for Academic & Support Services” form or call the Admission Office at: 425-9050. Every effort will be made to accommodate requests.

REMINDER: All academic courses are free of charge to our participating districts.

Changing Tech Programs

From time to time, students change programs for a variety of reasons. Before enrolling in a different Tech program, students have the opportunity to explore or visit another program before making the decision to transfer.

A “Permission to Visit/Change” form must be endorsed by the parent/guardian and home school counselor.

Change in Student Status

By policy of the Board of Cooperative Educational Services, no student can be deleted from a BOCES service without formal written notification from the district of residence. If it becomes necessary to withdraw a student from a Tech program or an academic class, email Admissions personnel at lfranzi@wsboces.org

Withdrawal from Prep Classes

When students are enrolled in Regents Prep classes, and pass mid-year assessments, it is essential that Central Administration be notified. Requests to withdraw students from their prep classes may be emailed to lfranzi@wsboces.org

Integrated Academics

ACADEMIC CREDITS 2019-20

PROGRAM	TECH MATH	TECH SCI	ELA	GOV	ECO	ART	HEALTH	CFM	PE	COMP APP
CTE PROGRAMS										
ADV/GRAPH DESIGN	X		X			X		X		X
AIRCRAFT/DRONE TECH	X	X	X			X		X		X
ARCH & INT DESIGN/CAD	X	X	X			X		X		X
AUDIO PRODUCTION	X	X	X			X		X		X
AUTO BODY REPAIR	X	X	X					X		X
AUTO TECHNOLOGY	X	X	X					X		X
AVIATION SCIENCE/FLIGHT	X	X	X					X		X
BUSINESS & HOSP MGT	X		X					X		X
CARPENTRY	X	X	X			X		X		X
CERT PERSONAL TRAINER	X	X	X				X	X	X	X
COMP GAME DESIGN (CTB)	X	X	X		X			X		X
COMPUTER NETWORKING	X	X	X					X		X
CONSTRUCTION ELECTRIC	X	X	X					X		X
COSMETOLOGY	X	X	X			X		X		X
CRIMINAL JUSTICE	X	X	X	X				X	X	X
CULINARY ARTS	X	X	X			X		X		X
DIGITAL FILM/VIDEO PROD	X	X	X			X		X		X
EARLY CHILD EDUCATION	X	X	X			X		X		X
ELEC/ROBOTIC/COMP REPAIR	X	X	X					X		X
ESTHETICS	X	X	X			X		X		X
FASHION MERCH/DESIGN	X	X	X			X		X		X
HVAC/PLUMBING	X	X	X					X		X
MEDICAL ASSISTING	X	X	X				X	X		X
MEDICAL LABORATORY	X	X	X				X	X		X
NURSE ASSISTING	X	X	X				X	X		X
PHOTOGRAPHY	X	X	X			X		X		X
PHYSICAL THERAPY AIDE	X	X	X				X	X	X	X
PROF HEALTH CAREERS	X	X	X				X	X		X
VET MED ASSISTING	X	X	X					X		X
WELDING	X	X	X			X		X		X
CTE SKILL PROGRAMS										
AUTO TECHNOLOGY SKILLS	X	X	X					X		X
COMP & BUSINESS SKILLS	X	X	X		X			X		X
CONSTRUCTION SKILLS	X	X	X			X		X		X
COSMETOLOGY SKILLS	X	X	X			X		X		X
CULINARY SKILLS	X	X	X			X		X		X
ELEC/ROBOTIC SKILLS	X	X	X					X		X
GRAPHIC ART SKILLS	X		X			X		X		X
HEALTH CARE/MED ASST SKILLS	X	X	X				X	X		X
SMALL ANIMAL CARE SKILLS								X		X

Academic Subjects—Course Descriptions

(Refer to Integrated Academics chart to determine which programs integrate specific academics.)

English

English 12, Technical Writing/Communication, 1 credit

The following ELA concepts are integrated into approved Tech programs: Key Ideas & Details, Craft & Structure, Integration of Knowledge & Ideas, Text Types & Purposes, Production & Distribution of Writing, Research to Build & Present Knowledge, Range of Writing, Comprehension & Collaboration and Presentation of Knowledge & Ideas.

Social Studies

Government, ½ credit

In Government, students are provided with knowledge of how public policy is formed, implemented and evaluated. Students will have opportunities to learn how citizens can directly or indirectly interact with the public policy development process.

Economics, ½ credit

In Economics, students are provided with knowledge and skills that will enable them to function as informed and economically literate citizens in our society.

Mathematics

Applied Math, 1 credit (Huntington Campus only)

The Applied Math class offers students the opportunity to learn about the realistic application of fundamental mathematical concepts. This course includes the 5-content strands of: Number Sense and Operations, Algebra, Geometry, Measurement, Statistics and Probability.

Technical Math, 1 credit

Technical Math is offered at the commencement level and is integrated within approved Tech programs. A certified math teacher works closely with the Tech teacher to push-in math concepts relating to the particular Tech program.

Science

Applied Life Science, 1 credit (Dix Hills/Huntington Campuses only)

In the Applied Life Science class, topics include: Animal Environment Diversity, Human Body Systems, Ecology, Bacteria, Plants and Life's Structure and Function.

Applied Physical Science, 1 credit (Huntington Campus Only)

In the Applied Physical Science class, emphasis is placed upon the realistic application of fundamental areas in Chemistry, Physics, Space and Earth Science.

Technical Physical Science, 1 credit

Technical Science is offered at the commencement level and is integrated within approved Tech programs. A certified Science teacher works closely with the Tech teacher to push-in physical science concepts relating to the particular Tech program.

Health/Parenting

Health/Parenting, ½ credit

In the Health/Parenting class, the following topics are reviewed: Mental health, stress, drugs, alcohol, tobacco, nutrition, family life, human sexuality, sexually transmitted diseases and HIV/AIDS. Health/Parenting is integrated into all of our Health Programs and Certified Personal Trainer.

Art

Art, 1 credit

In Art, fundamentals of Fine Art will be explored. Students will experiment with basic design elements such as line, shape, color, texture and value. (Refer to Integrated Academics chart for multiple programs that integrate art.)

Academic Subjects—Course Descriptions

Physical Education

½ credit per year

Non-integrated Physical Education is offered as a instructional “Sportsfolio” packet.

Physical Education options:

Students requiring additional credits in Physical Education may take advantage of the following options:

- Complete additional Sportsfolio packets
- Take Phys Ed for more than 1 year

All requests must be sent to the Admissions Office in writing:
lfranzi@wsboces.org

Language Other Than English (LOTE)

Spanish 1, 1 credit, on-line

Spanish 1 is a beginning-level course offered via the web. Students are provided with opportunities to develop their Spanish skills through video dramatization and interactive activities that foster listening, speaking, reading and writing skills. Technical and academic support is monitored by the on-line teacher.

American Sign Language (ASL), 1 credit, on-line

American Sign Language is a beginning-level course offered via the web. Students are provided with opportunities, through video dramatization and activities, to enhance their knowledge of ASL. Technical and academic support is monitored by the on-line teacher.

Substitution of Foreign Language Requirement

“Students completing a five-unit sequence in career and technical education or the arts (visual arts, music, dance, and theatre) are not required to complete the additional two units of the language other than English requirement for the Regents diploma with advanced designation but must still meet the requirements for the total number of units of credit.”

<http://www.p12.nysed.gov/part100/pages/1005.html#regentsAD>

Career and Financial Management (CFM)

½ credit (Integrated in all programs)

Career and Financial Management (CFM) is integrated into every Career and Technical Education program. Emphasis is placed on Career Development.

Career and Financial Management is a requirement of an extended sequence in Career and Technical Education. Students earning a Regents Diploma with Advanced Designation may substitute an extended sequence in Career and Technical Education for their foreign language requirement.

Computer Applications

1 credit (Integrated in all programs)

For those districts needing this requirement, computer technology is incorporated within CTE Programs and CTE Skill Programs.

Regents Preparation

Non-credit

Algebra I, Algebra II, English Language Arts, Geometry, Global History & Geography, Living Environment, Physical Setting/Chemistry, Physical Setting/Earth Science, Transition Exam in Global History & Geography, U.S History & Government.

Online Courses

Online High School

With a connection to the internet, high school students can now complete or supplement their high school education at their own pace. Wilson Technological Center's Online Courses for High School Students offers online courses ranging from credit recovery to Advanced Placement.

With our online learning program, your students can:

- Choose when and where to study.
- Make-up missed credits to graduate on time.
- Solve scheduling conflicts.
- Accelerate to complete high school early.
- Take AP or other courses not offered.
- Study while on medical leave.

School districts can add online courses that meet NYS Learning Standards to their own curriculum through an agreement with Western Suffolk BOCES. Take a minute to see how easy it is to navigate our site. At www.onlinehs.org you will find courses that students can use in three ways:

Virtual

Online courses provide 'anytime and anywhere' learning. Students can complete course material at their own pace in the comfort of their own home, in your school's library, or any remote location. Courses are available 24/7.

Hybrid

Under this option, online courses with quizzes and homework assignments are offered in a classroom setting. Students can also access material from home. Hybrid courses can be utilized in a computer lab environment where a group of students take individualized courses that are proctored by one teacher.

Traditional

Teachers in a traditional classroom setting can add an online component that incorporates related course material, practice tests and homework assignments.

Are online courses different?

Online courses are no different than traditional courses other than in delivery. Course content, length, and assignments are the same as those that districts expect from courses in your high school. Grades, credits, and

exams are also the same as traditional courses.

Credit

When students complete all assigned work, recommendation for credit is made to the home school. Credit determination, however, is the sole prerogative of the home school district.

What is needed to enroll?

After the district has committed to enrollment, interested students must speak to their home school's counselor. Districts can link www.onlinehs.org to the website of the district or the high school. Once registered, students need only a password, user ID, and internet connectivity to begin an online course.

Support

Western Suffolk BOCES offers technical support that is just a phone call or email away. A guidance counselor is also available to work in conjunction with the home school guidance counselor.

Textbooks

Most courses include an online textbook. Textbooks are not included for AP courses and some elective courses.

Credit Recovery

A diagnostic-driven credit recovery course provides another opportunity to students who did not succeed the first time in the course. Students must demonstrate their knowledge in each learning unit. If they demonstrate competency in the unit assessment, they will continue with the next unit. If they do not demonstrate competency, they must complete the entire unit before they attempt to demonstrate competency again.

Frequently Asked Questions

We have compiled answers to your questions, information about student responsibilities and grade reporting at www.onlinehs.org.

Make BOCES Your Partner for Online Education

- Requires minimal district management
- Provides state-certified NYSED teachers
- Offers curriculum and technical support via email and phone calls

Online Courses (cont'd)

- Includes course development, assessment and grading handled by seasoned, NYS certified educators
- Permits views of student progress anytime, anywhere through custom reports and time monitoring
- Helps all high school students, including home bound and home schooled students, to complete or supplement their high school education in an engaging, dynamic online format
- Expands your course offerings by using online instruction for courses that have low enrollment
- Classes available 24/7
- Weekly progress reports

Cost

Take advantage of our expertise and experience in online learning. Save development and management costs by becoming a partner in our Online Courses for High School Students.

Partnership includes:

- Block of 25 one-semester passwords (includes any combination of online courses for high school students). Unused passwords will rollover.
- Set-up and training fee
- User guide in Word format for you to provide to your students
- Unlimited phone support
- Student welcome letter template

Call for pricing, 1-888-972-6237

Here's a sampling:

Advanced Placement®

AP Biology – 2 semesters
AP Calculus AB – 2 semesters
AP Calculus BC – 2 semesters
AP English Language & Composition – 2 semesters
AP English Literature & Composition – 2 semesters
AP Environmental Science – 2 semesters
AP Macroeconomics – 1 semester
AP Microeconomics – 1 semester
AP Psychology – 1 semester
AP Statistics – 2 semesters
AP World History – 2 semesters

Electives

Achieving Your Career & College Goals – 1 semester
Archaeology – 1 semester
Career in Criminal Justice – 1 semester
Creative Writing – 1 or 2 semesters
Criminology – 1 semester
Forensic Science – 1 semester
Gothic Literature – 1 semester
Grammar & Composition – 2 semesters
Great Minds in Science – 1 semester
Journalism – 1 semester
Nutrition & Wellness – 1 semester
Personal Finance – 1 semester
Veterinary Science – 1 semester

English

English 9, 10, 11, 12 - 2 Semesters each

LOTE – Languages Other Than English

American Sign Language – 2 semesters (based on enrollment)
French 1 & 2 – 2 semesters (based on enrollment)
German 1 & 2 – 2 semesters (based on enrollment)
Spanish 1, 2,3 & 4 – 2 semesters each

Mathematics

Algebra 1 & 2 - 2 Semesters each
Consumer Math - 2 Semesters
Geometry – 2 semesters
Pre-Algebra 1 – 2 semesters
Pre-Calculus/Trigonometry – 2 semesters
Probability & Statistics – 1 semester

Miscellaneous

Physical Education
Health – 1 semester

Science (Labs have to be provided by the high school)

Astronomy – 1 semester
Chemistry – 1 semester
Earth Science - 2 Semesters
Living Environment – Biology – 2 semesters
Oceanography – 1 semester
Physics – 2 semesters

Social Studies

American Government – 1 semester
Civics - 1 Semester
Economics - 1 Semester
Government & Genocide - 1 Semester
Introduction to Psychology – 1 semester
Sociology - 2 Semesters
US History - 2 Semesters

**View our complete course list
at www.onlinehs.org/courses.cfm**

Student Support Services

Co-Teaching in Technical Classes

At each of our campuses are certified English, Science, Social Studies and Math teachers. These teachers work with Career and Technical Education teachers to integrate commencement level subjects into their students course work.

Career and School Counseling

Each Wilson Tech campus has School Counselors who counsel students on personal/ career issues and oversee student performance on a regular basis. Tech counselors work closely with home school counselors and liaisons to maximize student success.

Services to Improve Attendance

Wilson Tech attendance is recorded at each daily session and reviewed by Tech counselors. Districts may access their own attendance online. Students, parents and districts are contacted on a regular basis to discuss attendance and intervention strategies. Tech has implemented an electronic phone system that alerts parents/guardians of a student's absence on a daily basis.

Monitoring of Progress

Wilson Tech provides Interim and Grade reports to home schools and parents (mailed to home address), eight times per year.

Tech Enrichment (for GCTE Students)

Students are provided with additional Tech support via push-in and pull-out reinforcement services.

Level 2 & Level 3 Assessments

Interests and aptitudes, derived from the Level 2 Assessment, provide valuable information in the appropriate placement of GCTE students in Tech programs.

A Level 3 Assessment is utilized when it becomes necessary to determine the appropriateness of a student's placement while attending a Tech program.

Special Education Consultant Teachers (for GCTE Students)

Certified Special Education Teachers identify interventions and implement them with students, teachers, and aides. Continued follow-up is provided, as necessary, throughout the year.

Individual Education Plan (IEP)/ 504 Accommodation Plan/ Behavior Intervention Plan (BIP) Psychological/Test Accommodations

Home Schools are asked to provide documentation to Wilson Tech as established by the home school's CSE Committee.

Job Placement

The Job Placement Office is available to students during the time they attend Tech as well as thereafter. Job placement counselors rotate to other campuses to assist students with resume writing, interview skills and job search strategies. A job bank is updated on a weekly basis.

Physical Education (modified "Sportsfolio")

GCTE students have the opportunity to receive a modified "Sportsfolio" that is geared toward meeting language and reading skills of students with special needs.

Vocational ESL (VESL), non-credit

A certified VESL teacher will meet with students during the Tech session to enhance their Tech learning experience. To request this service for your students, complete the Request for Academic Services form indicating VESL. This supportive class will receive comments only.

ENL Students in CTE Programs

Students who have been identified as "ENL" will receive those accommodations as indicated by the home school. Districts will need to provide bi-lingual glossaries and/or assistive electronic devices for eligible students enrolled in CTE programs.

Center for Alternative Education (CAE)

The Center for Alternative Education, located at Wilson Tech's Dix Hills Central Campus, offers unique programming for "at risk" students. Programs are available in conjunction with Career & Technical Education.

Alternative High School Equivalency Program

This is a state-approved alternative which provides students, between the ages of 16–21 years old, the opportunity to achieve the New York State High School Equivalency Diploma. Eligible students are those who cannot earn the number of credits necessary to receive a local diploma or Regents credit.

Program Components:

- Test Assessing Secondary Completion (TASC) preparation
- Career & Technical Education
- Assessment, Counseling, Work Experience
- Child Care and Parenting Education
- Basic Skills Instruction (as needed)

Hours depending on your home district:

7:55 AM–10:40 AM

11:40 AM–2:25 PM

Alternative High School Equivalency Program/Bilingual Components

This is a state approved alternative which provides students between the ages of 16–21 years old, of limited English proficiency, the opportunity to achieve the New York State High School Equivalency Diploma in Spanish with English proficiency. The program offers the same components as the Alternative High School Equivalency Program. Half day VESL program is available for non or limited English speaking students.

Hours depending on your home district:

7:55 AM–10:40 AM

11:40 AM–2:25 PM

Alternative High School Program

The Alternative High School provides "at risk" students the opportunity to complete their high school education with a high school Regents diploma granted by their home district. Students may earn 6 academic credits per year, (exclusive of Career & Technical Education) and meet Physical Education requirements.

Program Components:

- Academic Instruction
- Career & Technical Education
- Child Care and Parenting Education
- Career and Personal Counseling
- Regents Review
- Online courses

Hours: CTE Session: 7:55 AM–10:40 AM

CAE Session: 11:40 AM–2:25 PM

For more information call 667-6000 Ext. 304

Services for Parenting Teens

This supportive program gives pregnant or parenting teens an opportunity to work toward their High School Diploma. Academic instruction is offered in the alternative high school, alternative high school equivalency program or 9th Grade Turn Around class. Daycare services are provided as well as parent education. Students also attend a career/technical class for half of their day.

Resource Room

Resource room support is available to students attending the Center for Alternative Education. This service is offered for an additional fee.

Absence Codes

The table below provides the codes assigned to weighted and un-weighted absences from Wilson Tech. Home School counselors are advised to send in a note anytime a school's activity impacts a student's attendance at Tech.

Absence Reason	Absence Weight
2 = OSS (home district)	1.00
A = Absent	1.00
B = Bus (bus problem)	
C = Cut Class	1.00
D = Sent Home (nurse)	
E = Excused	
F = Field Trip	
G = Home Tutoring	
H = Academic Field Trip	
I = In-School Suspension	
J = Home School ISS	
K = Inclement Weather	
L = Legal	
M = Make Up	
N = Suspension	1.00
O = Absent/Parent Called	1.00
P = Visited Other Class	
Q = End of Year (EOY) absence	
R = Release to Parent	
S = Home School Closed	
T = Tardy	.50
U = Home School Excused	
V = SkillsUSA/Youth Leadership	
W = Work Study approved by the district	
X = Suspension Makeup	
Y = Tardy	.06
Z = Home School Request	

Certificate of Completion / Attendance

The Wilson Tech Certificate of Completion indicates that a student has met attendance and academic requirements in a Tech program. Research has shown that a positive record of program attendance relates directly to success in the workplace.

In addition to the requirement that students receive a passing final grade in their Tech programs, students must also maintain a record of attendance reflecting at least 90% of the scheduled instructional days in a school year to receive a Certificate of Completion from Wilson Tech.

Students, who do not meet the 90% attendance criterion due to extenuating circumstances, will be limited to no less than 85% attendance. Districts may request in writing that

a student with extenuating circumstances be considered for a Certificate of Completion.

Extended Absences

If a student is expected to be absent for an extended period of time, the district should notify Tech. Arrangements can then be made for Home Instruction, only after the student has enrolled and attended Tech. (See “Home Instruction”.)

Attendance Reports

Daily, weekly and year-to-date reports are available on our password protected school counselors’ website, www.wilsontech.org

Wilson Technological Center
BOARD OF COOPERATIVE EDUCATIONAL SERVICES OF WESTERN SUFFOLK COUNTY

Be it known that

*has satisfactorily completed training and instruction as prescribed by the
New York State Education Department in the curriculum area of*

sample

_____ Chief Operating Officer	_____ Executive Director, Career & Technical Education
_____ President Board of Cooperative Educational Services	_____ Chairperson Career & Technical Education Advisory Council

Grades/Reports

Policy on Low Grade

No student's grade will reflect an average of less than 50%.

Other Grade Codes

- INC - Incomplete – Students have three (3) weeks to make up incomplete work before it converts to a failure. Grade will be adjusted within that time frame. INC's may not be recorded for the 4th quarter.
- NG - No Grade – To be used if student is sick or in hospital with a doctor's note or, if a student entered the program too late to be given a grade or an Incomplete.
- NF - No Final – Student did not take final exam and score will be entered as 1.
- NA - Non-Attendance – Student has not been attending Tech and score will be entered as 1.

Grades for Integrated Academic Courses

Grades for students enrolled in integrated academics will be reported quarterly along with the Tech grade. The class will be listed separately on the report card and the grade will be the same as the student's Tech grade.

Final Grade

Upon the conclusion of each school year all grade codes will be converted to a numeric value and a Final Grade will be calculated for reporting purposes.

Interim/Grade Reports

See Major Dates in Handbook (dates are subject to change).

Career and Technical Education (CTE) Diploma Endorsement

Requirements for CTE Endorsement on a High School Diploma

In order to earn Career and Technical Diploma Endorsement (a gold seal that affixes to the high school diploma), students will:

- be eligible for a High School Diploma in approved Tech programs
- be eligible for a Tech 2-year Certificate of Completion
- pass a certification exam in their program

Assessments for CTE Endorsement on a High School Diploma

Fees for the certification exams are imbedded in the Tech tuition. There is no additional charge to the district or student.

These assessments are administered during May of the student's senior year. Scores on these exams are not included in determining the student's Tech grade.

Students will be notified by their Tech teacher and via mail of their eligibility to sit for the certification exam. High school counselors will be given a list of the students who are eligible to take the certification exam. Once the exam is administered, results will be reported to the district as soon as possible. Please note that students must also take final exams for their Tech programs.

CTE Endorsement Seal

If a student has earned a CTE Endorsement, the seal will be forwarded to the high school where it will be affixed to the diploma. Please note the endorsement seal is “peel and stick” and is easily applied to the lower left portion of the diploma.



CTE Endorsement Seal



Look for this logo to denote courses that offer CTE endorsement.

Approved Exams: Multiple Pathway and Technical Endorsement (TE)

The New York State Board of Regents approved regulations establishing multiple, comparably rigorous assessment pathways to graduation for all students. Multiple pathways recognize the importance of engaging students in rigorous and relevant academic programs. The regulations recognize students' interests in the Arts, Biliteracy, Career/Technical Education, Humanities and Science, Technology, Engineering and Mathematics (STEM) by allowing an approved pathway assessment to meet the students' graduation requirements. *Please note: All exams below are Multiple Pathway Exams and are also used for Technical Endorsement Purposes.*

CTE Program Exams

1	Advertising/Graphic Design	National Occupational Competency Testing Institute (NOCTI): Advertising and Design Exam
2	Aircraft/Drone Technology	Federal Aviation Administration (FAA)-Exam Title: General and Powerplant Qualifying Exam
3	Architectural Design/CAD	National Occupational Competency Testing Institute (NOCTI): Architectural Drafting Exam
4	Audio Production	SkillsUSA Work Career Essentials: Audio-Radio Production Exam
5	Auto Body Repair	Automotive Service Excellence (ASE) Student Certification: Collision/Refinish Technology Exams
6	Automotive Technology	Automotive Service Excellence (ASE) Student Certification: Maintenance and Light Repair and/or Auto Technology Exam
7	Aviation Science/Flight	Federal Aviation Administration (FAA): Private Pilot Written Knowledge Exam
8	Business and Hospitality Management	National Occupational Competency Testing Institute (NOCTI): Hospitality Management-Food and Beverage Exam
9	Carpentry	Certification and National Center for Construction Education and Research (NCCER): Academic Carpentry Level 1 Exam
10	Certified Personal Trainer	National Council of Strength and Fitness (NCSF)-Pre-professional Certified Personal Trainer Exam
11	Computer Game Design (CTB)	Microsoft Office Specialist: Word and PowerPoint Exams
12	Computer Networking	CompTIA: Network + Certification Exam

CTE Program Exams

13	Construction Electricity	National Center for Construction Education and Research (NCCER)- Exam Title: Academic Electrical Level 1 Exam
14	Cosmetology	National Occupational Competency Testing Institute (NOCTI): Cosmetology NYS Customized Exam
15	Criminal Justice	National Occupational Competency Testing Institute (NOCTI): Criminal Justice Exam
16	Culinary Arts	National Occupational Competency Testing Institute (NOCTI)-Exam Title: American Culinary Federation (ACF) Culinary Arts Exam
17	Digital Film and Video Production	SkillsUSA Work Force Ready System and Championship Technical Standards: Television-Video Production Exam
18	Early Childhood Education	National Occupational Competency Testing Institute (NOCTI): Early Childhood Education and Care-Basic Exam
19	Esthetics	New York State Esthetics License
20	Fashion Merchandising/Design	National Occupational Competency Testing Institute (NOCTI): Apparel and Textile Production & Merchandising Exam
21	HVAC/Plumbing	National Center for Construction Education and Research (NCCER): Academic HVAC Level 1 Exam
22	Medical Assisting	SkillsUSA Work Career Essentials: Medical Assisting Exam
23	Medical Laboratory	National Center for Competency Testing (NCCT): Phlebotomy Technician Exam
24	Photography	SkillsUSA Work Career Essentials: Photography Exam
25	Physical Therapy Aide	National Occupational Competency Testing Institute (NOCTI): Health Assisting Exam
26	Professional Health Careers	New York State Nurse Aide Certification
27	Veterinary Medical Assisting	National Occupational Competency Testing Institute (NOCTI): NYS- Customized Small Animal Science Exam
28	Welding	National Occupational Competency Testing Institute (NOCTI): Welding Exam

Diploma/Credential Requirements and Tech

Career and Technical Education (CTE) may be utilized to assist students in completion of high school. Upon successful completion of a CTE or CTE Skills programs districts may award a diploma or exiting credential. Below outlines the areas of credentialing that Career and Technical Education fulfills.

TECH PROGRAMS

CTE Programs align with diplomas by offering

- 4.5 credits per year towards commencement
- Career Development and Occupational Studies (CDOS)
- CTE Pathway Assessments

CTE Skills Programs align with diploma/credentialing by offering

- 4.5 credits per year towards commencement
- Career Development and Occupational Studies (CDOS)

Career Development and Occupational Studies (CDOS) Commencement Credential

1. May be used as a Pathway for graduation,
2. supplement diploma, or
3. serve as exiting credential

Districts Must Provide:

- Opportunities to earn a high school diploma
- Student with an annually reviewed Career Plan

Tech Will Provide:

- ✓ Career-related (CTE) coursework and Work Based Learning (WBL) experiences
- ✓ Employability Profile

Digital Handbook/Forms/Reports

[Register for Adult Education](#) | [Job Bank for Grads](#) | [Tech Locations](#) | [WSBoces](#) | [Employee Login](#) | [School Counselors Login](#)

[HOME](#)[NEWS & EVENTS ▾](#)[HIGH SCHOOL TECH PROGRAMS](#)[ADULT EDUCATION](#)[BUSINESS & EMPLOYERS](#)[JOBS FOR GRADS](#)[CONTACT US](#)[SCHOOL COUNSELORS](#)

[Home](#) | [Wilson Tech Handbook](#)

ADDITIONAL INFORMATION

[High School Tech Programs](#)[Get Your Diploma](#)[Online Courses](#)[Career Pathways Program](#)[Learn More/Take a Tour](#)[Contact Us](#)[Wilson Tech Handbook](#)

WILSON TECH HANDBOOK

Wilson Tech Handbook

- [Complete Handbook](#)
- [Details about CTE Skill Programs](#)
- [Construction Careers](#)
- [Graphics and Media Careers](#)
- [Health Careers](#)
- [Service Careers](#)
- [Technical Careers](#)
- [Transportation Careers](#)

Online Attendance Reports

Daily, weekly and year-to-date attendance reports are available online for Career and Technical Education secondary programs. Our password protected website is accessed accordingly:

- Go to our website: www.wilsontech.org
- Click on: School Counselors
- Enter your username, password and login

Daily reports will appear the day following the absence: weekly reports the Monday following the end of the week. You may contact the Executive Director's office at (631) 425-9050 to obtain your high school's username and password. We encourage you to take advantage of this user-friendly means of quickly and efficiently following up on a student's attendance.

Wilson Tech Handbook

The Wilson Tech Handbook is available via the web. Extensive topics, in addition to our programs and policies, are addressed in this helpful guide. To access our website:

- Go to: www.wilsontech.org
- Click on: School Counselors
- Click on available links

Electronic Submission of Forms

Tech forms are available to be filled-out and submitted online.

- Go to our website: www.wilsontech.org
- Click on: School Counselors on top bar
- Enter your username, password and login
- Click "Tech Forms" in the left hand sidebar

Work-Based Learning

Work-based learning is based upon on-the-job observation and participation. Work-based learning can be acquired at Tech or at the home school.

At Tech:

All Wilson Tech programs include a work-based learning component. Within the Career and Technical Education classes, students have the opportunity to participate in Work-Study and Job Shadowing, Clinical Affiliations, On-site Clinics and the Automotive Youth Educational Systems.

Work Study Program

Based on teacher recommendations, second-semester seniors may participate in work-study. This allows students to work in a job related to their Tech program up to several days per week during their Tech time. Students must be legally employed and receive approvals from their home school and Tech counselors, parents and employer. Once all of the approvals are in place, a work/study coordinator visits the employer to verify employment. Pay stubs, evaluations and attendance verifications are kept on file. Working papers, available at the student's home school, are needed for those under 18. Transportation must be provided by the student.

Job Shadowing

Opportunities for internships and job shadowing are available and encouraged for students interested in enhancing their knowledge of careers. Students can work with their teachers, counselors, job placement and/or work study coordinators to arrange for this program.

Clinical Affiliations

Five of our CTE programs have a clinical or off site component added into the curriculum. Currently, students enrolled in Early Childhood Education, Nurse Assisting, Medical Assisting, Professional Health Careers, Physical Therapy Aide, and Medical Laboratory Assisting will spend several days per week at various related locations. This affords our students the opportunity to gain invaluable "hands-on" experience that enhances their overall learning and skill development. It is anticipated that additional programs will offer an off-site experience in the coming years. On-site clinical experiences are available.

Employability Profile

The Employability Profile is an assessment tool used to evaluate students' "soft skills" and workplace performance. Districts may utilize the Employability Profile as part of a student's career plan and to meet one criterion of the Career Development and Occupational Studies (CDOS) Credential/Pathway.

Automotive Youth Educational Systems (AYES)

This national school-to-work program, initiated in 1998 by General Motors is available within our Automotive Technology and Automotive Body Repair programs. Job shadowing, interview techniques and résumé writing are available to all students. Select juniors will work part-time as a paid intern, with a mentor in the summer and during their senior year during Tech time. All placements are with area car dealerships and certified collision shops affiliated with a dealership.

At the Home School:

As a shared service, Wilson Tech provides work-based learning programs for district students staying at the home school. These programs include: Diversified Career and Technical Education or Cooperative Education and Internships.

Diversified Career and Technical Education (DCTE) or Cooperative Education

This program focuses on developing employability skills through related instruction and outside work experience. Students receive credit and wages for part-time work of the student's choice. Work hours are recorded on time sheets and credit is awarded based on the total number of hours worked. Classroom instruction covers job skills, interviewing, completing job applications, negotiating salary, and labor laws. A growing area in DCTE is with the special education population. A work component is necessary for a student's transition plan.

Internships

Unpaid internships are offered to participating districts in exchange for credit:

- American Sign Language – Cleary School for the Deaf
- Communications – local radio stations (WBLI, WBAB)
- Health and Education – James E. Allen Schools
- Pre-Med – Huntington Hospital
- Pre-Veterinary Science – Caleb Smith Park or Sweetbriar Nature Preserve
- Wall Street Internship – local financial firms.
- Elementary Education–Building Blocks Developmental Pre-School

Youth and Leadership Organizations

Wilson Tech offers each student the opportunity to develop leadership skills through membership in several student leadership organizations.

SkillsUSA and Future Farmers of America (FFA)

Youth leadership organizations develop leadership ability, citizenship, and character development. SkillsUSA and FFA emphasize respect for the dignity of work, high standards in trade ethics, craftsmanship, scholarship, and safety on the job.



SkillsUSA and FFA are “professional” organizations which provide students an added dimension to their Tech education. This co-curricular program presents practical opportunities for the development of leadership ability. Industry-sponsored “Skill Olympic Contests” are held on local, regional, state, and national levels. Membership in these national organizations includes more than 280,000 students, of which more than 12,500 are from New York State. SkillsUSA and FFA are among the largest national youth organizations in America. Wilson Tech strongly advocates membership for all students. Membership dues are typically \$20 for the school year. A student’s Career and Technical Education teacher will collect these dues during the first week of school or thereafter.

FFA membership is geared for Veterinary Medical Assisting and Small Animal Care Skills.

Renaissance Program

Wilson Tech’s Renaissance program encourages students to meet academic, attendance and professional standards in their specific programs. Students who meet these criteria receive special acknowledgement for their efforts, on a quarterly basis.

National Technical Honor Society (NTHS)



The National Technical Honor Society is the acknowledged leader in the recognition of outstanding student achievement in Career and Technical Education. NTHS encourages higher scholastic achievement and cultivates a desire for personal excellence. Students enrolled in CTE programs leading to a Technical Endorsement, must have a cumulative average of 92%, no more than 6 absences, pass all academic subjects and have no suspensions by the end of the 3rd marking quarter. Teachers must also recommend the students for membership. Students meeting NTHS criteria are eligible to attend an induction ceremony, earn a NTHS Certificate and receive up to three letters of recommendation to either a school or place of employment, during any point in their lifetime.

Home Instruction/Early Dismissal

Home Schools may request home instruction (2 hours per week) for students with extenuating circumstances, long term illness, etc., in Career & Technical Education programs, only after the student has enrolled and attended Tech. To effectively monitor attendance, grades, and certificate requirements the following procedures for home tutoring students enrolled in Career & Technical Education programs at Wilson Tech have been established:

- The student's principal or guidance director/counselor must send a request for home tutoring on school stationery to the principal of the Wilson Tech campus where the student is enrolled. This request must include the anticipated **starting** and **ending date** of home instruction.
- The Tech staff member assigned as tutor will arrange a convenient schedule with the parent for home tutoring. **A parent must be present during the tutoring.**
- Students on approved home tutoring will be marked G (home tutoring). The absence is assigned a weight of zero.

- The Tech tutor completes weekly teaching records, indicating the day, date, number of hours taught, and parent's signature. A compilation is forwarded to the home school on a monthly basis.

Early Dismissal

Students, who want to attend Tech, and participate in after-school clubs, sports or extracurricular activities at their home school, may do so without a conflict. In an effort to coordinate Tech's scheduling with a student's interests, school districts may request early dismissal for their impacted students with supporting documentation advising us of:

- Date(s) and time(s) for early dismissal
- Mode of transportation

Career Pathways including Surf Tech

All students currently enrolled at Wilson Tech can take advantage of several free Career Pathways programs. Whether you are planning on going to college or entering the world of work right after graduation, these programs can assist you in reaching your goals! Application and dates are available at www.wilsontech.org/high-school-students/career-pathways-program/

SAT Prep

Score the best on the SAT test! Wilson Tech students are eligible for a FREE course to help them prepare for the SAT test. Six-week sessions are offered after-school, during the fall and spring semesters at the Dix Hills campus. Round trip transportation is available from the PM location to the Dix Hills campus and then to the student's residence at the end of class.

Education Expo

Students can meet with college representatives from various post-secondary institutions. Learn about financial aid and the college admissions process. Education Expo will be held at Tech's Dix Hills campus in November.

College Prep Course

To help get ready for college, Tech offers a free College Prep Course to its students. All aspects of college life, from the application process to registration will be reviewed. Students interested in taking a free college course must first successfully complete this curriculum, offered in the fall and spring.

College Credit

Upon successful completion of select CTE programs, students at Wilson Tech may be eligible to receive post-secondary credit from participating post-secondary institutions. For current offerings please contact Renee Massari at (631) 425-9050.



for 9th and 10th Graders

This program is open to 9th and 10th graders within our 18 component school districts to introduce career options in career and technical fields, at no charge. Expert instructors will provide students with knowledge and experience to assist them in making career choices. Classes are held Wednesdays from 2:50–4:15 PM at Tech's Dix Hills campus. Roundtrip transportation is available from the student's home school to Tech and back to the student's residence.

For Surf Tech:

Applications may be obtained at the home school guidance office. Home school counselor and parent/guardian signatures are required for participation in the program. Call (631) 425-9050 for further information.

Education Expo

Wilson Tech presents its annual college and career fair, “Education Expo”, in mid-November each year. The “Expo” takes place at the Dix Hills campus. Students from all Tech campuses are invited to attend and find out how they can continue their education/career training beyond high school. College admissions personnel and college representatives conduct presentations about the post-secondary school experience, college application process and financial aid. Institutions represented at Expo typically include:

Alfred State College
The Art Institute
Baltimore International College
City University of New York (CUNY)
The College of St. Rose
Connecticut Culinary Institute
Culinary Academy of Long Island
The Culinary Institute of America
DeVry University
Electrical Training Center of Long Island
Engine City Technical Institute
Fashion Institute of Design and Merchandising
Five Towns College
The International Culinary School
 at the Art Institute of Philadelphia
International Yacht Restoration School
Island Drafting and Technical Institute
Johnson and Wales
Laboratory Institute of Merchandising
Long Island University/C.W. Post College
Lincoln Culinary Institute
Lincoln Technical Institute
Molloy College
Monroe College
Morrisville State College
Nassau County Community College
New England Culinary Institute
New York Air National Guard

New York College of Health Professions
New York Institute of Beauty
New York Institute of Technology
Ohio Tech
Polytechnic University
St. John’s University
Saint Joseph’s College
Southern New Hampshire University
Suffolk County Community College
Suffolk County Police Department
SUNY Cobleskill
SUNY Delhi
SUNY Farmingdale
SUNY Geneseo
SUNY Institute of Technology
SUNY Maritime College
SUNY Morrisville
SUNY Oswego
United States Air Force
United States Army
Universal Technical Institute
University of New Haven
University of Northern Ohio
Vaughn College of Aeronautics and Technology
Wilson Tech Adult Programs
Wilson Tech Health Careers
WyoTech

Articulation Agreements

Note: Agreements are subject to change

Articulation Agreements help Wilson Tech students get special benefits if they attend particular colleges.

How to make use of an articulation agreement:

1. When applying to college, tell admissions office you are a Wilson Tech student and want to use an agreement.

In addition to any articulation agreement, ask the college if they will give you credit for any of your other special knowledge. For example, passing an Advanced Placement exam at your district, passing your Technical Endorsement Exam at Wilson Tech, having CPR certification, speaking another language, etc.

2. When making your college schedule and registering for classes, tell Counselor at the college you are a Wilson Tech graduate and want to use benefits through an articulation agreement.

Students should speak to their School Counselor for assistance in choosing the right college for them.

Agreements are subject to change and colleges have the right to award benefits on an individual basis.

Students must meet all other admission criteria as set by individual colleges.

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
All Wilson Tech CTE Programs	Western Suffolk BOCES Full-Time Adult Programs	All students who graduate from a 2 year Wilson Tech High School Program and enter a Full- Time Western Suffolk BOCES Adult Program can apply for a Career Pathways Scholarship	Successful completion of a two year Wilson Tech High School Program as evidenced by a two year certificate of completion. All other entrance requirements for program must be met. Career Pathway Scholarship Application.		Ila Gaffney, Career Counselor, Western Suffolk BOCES, 152 Laurel Hill Rd, Northport NY 11768, 631-261-3600
All Wilson Tech CTE Programs	Western Suffolk BOCES: LPN, Surgical Technology, Radiologic Technology or Sonography Program	All students who graduate from a 2 year Wilson Tech High School Program and apply to one of the following Western Suffolk BOCES-ADULT Health Careers Programs (Diagnostic Medical Sonography, Licensed Practical Nursing, Surgical Technology or Radiologic Technology) will have their application fee waived and be able to take the pre-entrance exam for a reduced fee of \$75.	Successful completion of a two year Wilson Tech High School Program as evidenced by a two year certificate of completion. All other entrance requirements for program must be met. Career Pathway Scholarship Application.		RoseMary Nagler, Assistant Principal of Health Careers, 152 Laurel Hill Rd, Northport NY 11768, 631-261-3600
Advertising/ Graphic Design	Farmingdale State College	DUAL ENROLLMENT VIS 101- Introduction to Drawing (3 Credits) VIS 140- Introduction to Graphic Design (3 Credits)	Student must sign up for this opportunity as a second year student at Wilson Tech. Student must currently be completing their second year of Advertising/Graphic Design, have less than 18 absences in each academic year of Advertising/Graphic Design and be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including, Farmingdale for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Advertising/ Graphic Design	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Advertising/ Graphic Design	New England Institute of Technology	MWD123 Design I 4 credits	Proof of successful completion of Wilson Tech program, must enroll in NEIT within one year of Wilson Tech graduation, credit awarded upon completion of 1 quarter at NEIT	4 credits	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Advertising/Graphic Design	SUNY Canton	GMMD 102 Intro to Design, GMMD 103 Intro to Digital Design Software: Photoshop Basics)	Student must earn 85 or higher in Wilson Tech as documented by Wilson Tech transcript and two year certificate of completion. Student must also meet admission requirements and enter into SUNY Canton's Graphic & Multimedia Design B. Tech program	9 credits	Christopher Sweeney, Curriculum Coordinator, Graphic & Multimedia Design, SUNY Canton, 34 Cornell Dr, Canton NY 13617, sweeneyc@canton.edu , 315-386-7118

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Advertising/ Graphic Design	SUNY Cobleskill	Guaranteed admission into either AS of Communications or BS of Communications in Technology major or AA in Graphic Design or BS in Graphic Design GART 112-Introduction to Digital Media (3 credits) GART-290 Special Projects-subject to portfolio review (up to 3 credits)	Student must present: HS Diploma, Written recommendation from Wilson Tech instructor, proof of completion of Wilson Tech's 2 year program with 85 average or higher	up to 6 credits	Submit admission application & Wilson Tech letter of recommendation to Admissions. For questions about articulation, contact Jane White, SUNY Cobleskill, Knapp Hall 106, Cobleskill, NY 12043, 518-255-5011
Aircraft Maintenance Technology	Embry-Riddle Aeronautical University	Up to 48 credits to be determined upon individual credential review, towards a AS/BS in Aviation Science or BS in Aeronautics	Student must meet all entrance requirements for Embry-Riddle and have FAA Airframe and/or PowerPlant Certificate	up to 48 credits	Advise Admissions and enrollment counselor of your FAA certification/s
Aircraft Maintenance Technology	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Aircraft Maintenance Technology	various post-secondary institutions through Aviation Technical Education Council membership; listing of schools at http://www.atec-amt.org/schoolsmembers.html	TBD	will vary based on individual institution	TBD	listing of schools at http://www.atec-amt.org/schoolsmembers.html , advise school admissions department of your FAA certificates
Aircraft Maintenance Technology	Vaughn College of Aeronautics	30 credits towards AAS or BS Aviation Maintenance Degree or BS Aviation Maintenance Management	Student must complete Part 147 AMT program successfully at Wilson Tech, earn Airframe and PowerPlant certificates, and meet all Vaughn College admission requirements	up to 30 credits	Sharon DeVivo, Vice President, Vaughn College, 86-01 23rd Ave, Flushing NY 11369, 718-429-6600 Advise Admissions and your enrollment counselor when registering for classes of intention to get credit for licenses.
Architectural and Interior Design/CAD	Farmingdale State College	DUAL ENROLLMENT ARC 101 Introduction to Architecture & Construction (3 credits).	Student must sign up for this opportunity as a second year student at Wilson Tech and must currently be completing their second year of Architectural and Interior Design/CAD. Student must have less than 18 absences in each academic year of Architectural and Interior Design/CAD. And be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including, Farmingdale for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Architectural and Interior Design/CAD	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Architectural and Interior Design/CAD	Island Drafting and Technical Institute	Scholarship	Student must earn 2 year certificate of completion with minimum of a B average, have written recommendation of WT instructor, submit portfolio of work completed at Wilson Tech and meet all admission requirements for the Drafting program	\$1000 scholarship over course of two year enrollment	James Di Liberto, President, Island Drafting and Technical Institute, 128 Broadway, Amityville, NY 11701, 631-691-8733
Architectural and Interior Design/CAD	SUNY Delhi	CADD112 Dimensioning and Tolerancing CADD 151 Production Drawings CADD 111 Fundamentals of Drafting	WT instructor letter of rec; must successfully complete one semester at Delhi before articulated credit is awarded	9 credits	Mr. Philip Hubbard, Dean of Technology, SUNY Delhi, Delhi, NY 13753, 607-746-4073
Architectural Design/CAD	New England Institute of Technology	ABT112 Technical Drafting & Graphic Communications; ABT114 Intro to CAD and if going into Architectural Building Engineering Technology Associates Degree Program: ABT115 Introduction to Structures	Minimum Wilson Tech grade of B+; acceptance into NEIT's Interior Design Technology Associates Degree Program or Architectural Building Engineering Technology Associate Degree Program; official transcript; must enroll within 1 yr of HS graduation	7 credits, students will get a tuition reduction for transferred credits which will be applied in the final quarter of curriculum at NEIT	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Audio Production	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and AUD 101 Audio Recording Theory and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and AUD 303 MIDI Applications	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Audio Production	New England Institute of Technology	COM136 Audio Recording	Minimum Wilson Tech grade of B+; acceptance into NEIT; official transcript; must enroll within 1 yr of HS graduation	3 credits	Tara Rugg, Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Audio Production	SUNY Cobleskill	Guaranteed admission to AS of Communications, BS of Communication with Technology major, AA in Graphic Design or BS in Graphic Design. COM260-The Art of Audio and Video Editing (3 credits) COM290-Special Projects in Communication (1-3 credits AFTER PORTFOLIO REVIEW)	Successful completion of WT curriculum with an 85avg; WT instructor letter of rec; must meet other admissions requirements; including high school diploma.	up to 6 credits	Submit admission application & Wilson Tech letter of recommendation to Admissions. For questions about articulation, contact Jane White, SUNY Cobleskill, Knapp Hall 106, Cobleskill, NY 12043, 518-255-5011
Audio Production	The New England Institute of Art	AMT 101-Audio Tech 1 AMT 170 Audio Recording 1	Student to show copy of 2 year certificate of completion from Wilson Tech with minimum B minus average. Student must meet NEIA admission requirements and be accepted as a degree seeking student within 24 months of HS graduation. Student must submit an application for articulated credit to NEIA Transfer Credit Coordinator to include: HS transcript showing grades and graduation date, letter of recommendation from Wilson Tech teacher on school letterhead.	6 credits	Robert Sendras, Transfer Credit/Articulation Coordinator, The New England Institute of Art, 10 Brookline Place West, Brookline MA 02445, 617-582-4616
Auto Body Repair	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Auto Body Repair	Lincoln Technical Institute Premier East Windsor CT Campus	Advanced standing TBD through Dean evaluation	Must have a minimum of 80 average, receive a WT certificate of completion and teacher recommendation	To be determined upon transcript review	HS Admissions Rep, 97 Newberry Rd, East Windsor, CT 06088, 800-243-4242
Auto Body Repair	Morrisville State College	Auto 110:Summer Work Experience class waived	Student must show proof of CTE Technical Endorsement Seal and copy of there 2 year certificate of completion to Morrisville prior to starting classes. Credit will be awarded after first year of Morrisville studies if a 2.0 GPA is maintained	3 credits	Ron Alexander, Automotive Dep't Chair, Morrisville State College, Morrisville, NY 13408, 315-684-6079
Auto Body Repair	NYADI The College of Automotive and Diesel Technology	AT100 Performance Fundamentals (3 credits) AT101 Engine Repair (3 credits)	Student must have High School Diploma, Wilson Tech Certificate of Completion with 80% minimum GPA on transcript and attend NYADI within two years of graduation from Wilson Tech	6 credits	Martin Rivera, Director of Admissions, NYADI, 178-18 Liberty Ave, Jamaica, NY 11433, 718-658-0006
Auto Body Repair	Ohio Technical College	Max of 4 courses; students granted advanced placement and a corresponding tuition credit for each test they pass	Graduation; earn at least 1 ASE Certification (fax certif. from WS BOCES); must enroll within 1 yr of Completing HS; see contract for additional criteria	TBD	Tom King, Director of Enrollment, Ohio Technical College, 1374 East 51st St, Cleveland, OH 44103, 216-881-1700
Auto Body Repair	Western Suffolk BOCES Auto Technology Program	Tuition reduction of \$500 upon entry into Western Suffolk BOCES Full-time Adult Automotive Training program	Successful completion of two year Wilson Tech high school Auto Body program	\$500 tuition reduction	Ila Gaffney, Career Counselor, Western Suffolk BOCES, 152 Laurel Hill Rd, Northport NY 11768, 631-261-3600
Auto Body Repair and Automotive Technology	Alfred State College	Students who articulate with Alfred qualify to have select course requirements waived. This does not mean an entire class or entire credit will be granted, only portions of a class. Each student will be involved in the process of selecting waived requirements in the freshman year. The NATEF task lists applicable to a curriculum will provide the framework.	Students accepted into an Alfred State Automotive Trades program must present the following items to their Alfred State Advisor within 5 days of starting first semester: (Please note: It is recommended you contact your advisor as soon as you graduate Wilson Tech to submit these items!) - Copy of High School Transcript with minimum average 80% in Wilson Tech class -Letter of Recommendation from your Wilson Tech instructor -Copy of employability profile from Wilson Tech and any certifications you have such as NYS Inspection License, NATEF student certification, -Alfred State Articulation Agreement Completion form signed by your Wilson Tech teacher	Students released from certain requirements could pursue extra credit within the course, resulting in a higher grade. Students also have the option to access other courses within the department, even those outside the curriculum, in order to broaden his/her experience base.	Patty Lewis-BrownellAlfred StateWellsville Student Services2530 River RoadWellsville, NY 14895lewispm@alfred.state.eduP: 607-587-3111F: 607-587-3196

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Auto Technology	Five Towns College	With 1 year certificate from Wilson Tech: 15% tuition scholarship for up to 8 consecutive full-time semesters With 2 year certificate from Wilson Tech: 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Automotive Technology	Lincoln Technical Institute Premier East Windsor CT Campus	Advanced standing TBD through Dean evaluation	Must have a minimum of 80 average, receive a WT certificate of completion and teacher recommendation	To be determined upon transcript review	HS Admissions Rep, 97 Newberry Rd, East Windsor, CT 06088, 800-243-4242
Automotive Technology	Morrisville State College	Auto 110: Summer Work Experience class waived	Student must show proof of CTE Technical Endorsement Seal and copy of there 2 year certificate of completion to Morrisville prior to starting classes. Credit will be awarded after first year of Morrisville studies if a 2.0 GPA is maintained	3 credits	Ron Alexander, Automotive Dep't Chair, Morrisville State College, Morrisville, NY 13408, 315-684-6079
Automotive Technology	New England Institute of Technology	TT106 Introduction to Vehicle Maintenance, AUT103 Automotive Engines, AUT 104 Automotive Engines Lab	Minimum Wilson Tech grade of B+; acceptance into NEIT's Automotive Technology Associate Degree Program; official transcript; must enroll within 1 yr of HS graduation	12 credits, students will get a tuition reduction for transferred credits which will be applied in the final quarter of curriculum at NEIT	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Automotive Technology	NYADI The College of Automotive and Diesel Technology	AT100 Performance Fundamentals (3 credits) AT101 Engine Repair (3 credits)	Student must have High School Diploma, Wilson Tech Certificate of Completion with 80% minimum GPA on transcript and attend NYADI within two years of graduation from Wilson Tech	6 credits	Martin Rivera, Director of Admissions, NYADI, 178-18 Liberty Ave, Jamaica, NY 11433, 718-658-0006
Automotive Technology	Ohio Technical College	Students granted advanced placement and a corresponding tuition credit for each test they pass: Max of 4 courses	Graduation; earn at least 1 ASE Certification (fax certif. from WS BOCES); must enroll within 1 yr of Completing HS; see contract for additional criteria	TBD	Tom King, Director of Enrollment, Ohio Technical College, 1374 East 51st St, Cleveland, OH 44103, 216-881-1700
Automotive Technology	Suffolk County Community College	DUAL ENROLLMENT AUT111-Automotive Maintenance and Light Repair	Student must sign up for this opportunity as a second year student at Wilson Tech. Student must be completing their second year of Automotive Technology, have less than 18 absences in each academic year of Automotive Technology and be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including Suffolk, for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Automotive Technology	SUNY Canton	Auto 101-Automotive Service-2 credits Auto 111-Automotive Service Lab-1 credit	Student must earn 85 or higher in Wilson Tech as documented by Wilson Tech transcript and two year certificate of completion. Students must meet admissions requirements to Automotive Technology AAS program.	3 credits	Brandon Baldwin, Curriculum Coordinator, Automotive Technology, SUNY Canton, 34 Cornell Dr, Canton NY 13617, 315-379-3866, baldwinb@canton.edu
Automotive Technology	SUNY Delhi	Automotive Electrical I; Automotive Chassis I	Letter of recommendation from WT instructor certifying demonstrated competencies; student must pass comprehensive exam administered by Delhi; student must complete one semester at Delhi before articulated credit is awarded	8 credits	Robert Mazzei, Coordinator of the Academic Exploration Program, SUNY Delhi, 271 Bush Hall, Delhi, NY 13753 (607) 746-4550
Automotive Technology	Universal Technical Institute	Max of 4 courses; students granted advanced placement and a corresponding tuition credit for each test they pass	Graduation; copy of 2 year certificate from WS BOCES; must enroll within 1 yr of Completing HS and take articulation tests prior to completing first course of study; see contract for additional criteria	\$500 articulation credit towards tuition; advance placement TBD (up to 4 courses)	Ernie Lombardo, High School Admissions, UTI, 750 Pennsylvania Dr, Exton PA 19341
Aviation Science/Flight	Colorado Northwestern Community College	Between 4 and 8 credits to be applied to Aviation Technology A.A.S. degree program. 8 credits if student submits Private Pilot Certificate (4 credits for private pilot ground school and 4 credits for private pilot flight) 4 credits if student shows copy of FAA Private Pilot Written Knowledge Exam results with passing score of 80% (4 credits for private pilot ground school). If student has not passed exam yet but is eligible to test and takes exam at Colorado Northwestern Community College and earns 80%, 4 credits will be applied.	Student must show proof of graduation from high school, copy of two year certificate of completion from Wilson Tech with letter of recommendation from Wilson Tech instructor and have maintained a 90% attendance rate and minimum GPA of 2.0 (80%) at Wilson Tech. Student must also submit one of the following; copy of their private pilot certificate, copy of passing score of 80 on FAA private pilot written knowledge exam, ground school training records indicating student met all knowledge, time and endorsement requirements to take the private pilot written exam at Colorado Northwestern Community College.	up to 8	Dr. David Smith, VP of Instruction/Student Services, Colorado Northwestern Community College, 500 Kennedy Dr, Rangely, CO 81648 970-675-3293

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Aviation Science/Flight	Embry-Riddle Aeronautical University	Up to 5 credits towards BS in Aeronautical Science	Student must meet all entrance requirements for Embry-Riddle and have FAA Private Pilot Certificate	Up to 5	Advise Admissions and enrollment counselor of your FAA certification/s
Aviation Science/Flight	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Aviation Science/Flight	Vaughn College of Aeronautics	FLT110 General Aeronautics-4 credits	Successfully complete the program and pass the FAA Private Pilot Written Knowledge Examination	4 credits	Sharon DeVivo, Vice President, Vaughn College, 86-01 23rd Ave, Flushing NY 11369, 718-429-6600 Advise Admissions and your enrollment counselor when registering for classes of intention to get credit for licenses.
Business and Hospitality Management	New York Institute of Technology (NYIT)	Application Fee Waived (use fee waiver code ADMREP), possibility for scholarship, Up to 9 credits towards BPS in Hospitality Management HOSP 100 Introduction to Hospitality, HOSP 105 Travel & Tourism, HOSP 135 Culinary Theory & Style	Student must earn their Wilson Tech 2 year certificate of completion with 80 GPA and meet all NYIT Admission Requirements for the Hospitality Management BPS Degree Program	Up to 9 credits	James Dunne, Professor of Hospitality Studies, NYIT School of Management, Northern Boulevard P.O. Box 8000 Old Westbury, NY 11568-8000, 516.686.1000
Business Hospitality and Management	St. Joseph's College-Long Island Campus	DUAL ENROLLMENT HTM 100-Hospitality Management	Student must sign up for this opportunity as a second year Business and Hospitality Management student at Wilson Tech. Must currently be completing their second year of Business and Hospitality Management. Must have less than 18 absences in each academic year and be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including St. Joseph's College, for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Carpentry	Alfred State College	BLCT1022 Wood Fabrication Technology I; BLCT1132 Estimating I; BLCT3423 Building Construction-Math & Estimating	Must meet all Alfred admission requirements; maintain an 85% average in WT program; must submit a work portfolio requesting articulation during the last two weeks of April; letter of recommendation from WT instructor; must earn 85% on proficiency test given by Alfred instructor	up to 7 credits	Thomas Murphy, Recruitment and Articulation, 2530 South Brooklyn Ave, Wellsville, NY 14895, 607-587-4133
Carpentry	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Carpentry	New England Institute of Technology	CR116 Tool and Site Work Lab; CR121 House Framing I Lab	Minimum Wilson Tech grade of B+; acceptance into NEIT's Building Construction Technology Associate Degree Program; official transcript; must enroll within 1 yr of HS graduation	4 credits, 12 credits, students will get a tuition reduction for transferred credits which will be applied in the final quarter of curriculum at NEIT	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Carpentry	SUNY Delhi	CARP130 Light Frame Construction Theory; CARP150 Finish Carpentry Theory	WT instructor letter of rec; must successfully complete one semester at Delhi before articulated credit is awarded	6 credits	Robert Mazzei, Coordinator of the Academic Exploration Program, SUNY Delhi, 271 Bush Hall, Delhi, NY 13753 (607) 746-4550
Certified Personal Trainer	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163

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Computer Game Design	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and Art History Elective and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and ICG 125 Design Principles	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Computer Game Design	Monroe College	IT 100-Introduction to Information Technology (3 credits) Optional credit with successful completion of MOUS Exam IT 115-Electronic Spreadsheet (3 credits), IT 130-Database (3 credits), IT 118-Integrated Business Applications (3 credits)	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor. For optional credit consideration student must show proof of having passed MOS exams.	up to 12	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801914.740.6537
Computer Networking	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and an Elective and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and COM 141 Computer Literacy	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Computer Networking	Island Drafting and Technical Institute	Scholarship	Student must earn 2 year certificate of completion with minimum of a B average, have written recommendation of WT instructor, submit portfolio of work completed at Wilson Tech and meet all admission requirements for the Drafting program	\$1000 scholarship over course of two year enrollment	James Di Liberto, President, Island Drafting and Technical Institute, 128 Broadway, Amityville, NY 11701, 631-691-8733
Computer Networking	Monroe College	IT 275-Networking in a Windows Environment (3 credits) Optional IT 120-Computer Hardware (3 credits), IT 125-Computer Software (4 credits) with successful completion of A+ certification	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor and proof of having passed Network + Certification Exam. For optional credit consideration student must show proof of having passed A+ Certification	up to 10	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801 914.740.6537
Computer Networking	SUNY Canton	CITA 220 Data Communications and Networking Technology -3 credits CITA 170 Computer Concepts and Operating Systems-3 credits	Student must earn 85 or higher in Wilson Tech as documented by Wilson Tech transcript and two year certificate of completion. Student must also meet admission requirements and enter into SUNY Canton's Information Technology (B. Tech), Computer Information Systems (A.A.S). program or Cybersecurity (BS) program	6 credits	Minhua Wang, Curriculum Coordinator-Computer Information Systems, Cybersecurity, IT, 315-386-7691, wang@canton.edu
Construction Electricity	Alfred State College	Residential Lab 1A	Must meet all Alfred admission requirements; maintain an 85% average in WT program; must submit a work portfolio requesting articulation during the last two weeks of April; letter of recommendation from WT instructor; must earn 85% on proficiency test given by Alfred instructor	up to 6 credits	Thomas Murphy, Recruitment and Articulation, 2530 South Brooklyn Ave, Wellsville, NY 14895, 607-587-4133
Construction Electricity	Electrical Training Center of LI	Scholarship towards Electrical training program	Student must have 80% GPA in Wilson Tech, receive their 2 year certificate and enter 600 hour program at ETC, Inc within 2 years of high school graduation, letter of recommendation from Wilson Tech teacher, 250-500 word essay answering "Based on your opinion, how would you explain how the building trades affect our economy and quality of life?"	scholarship tuition discount	Liz Goldner, Compliance Manager, Electrical Training Center, Inc. 65 Elm St, Copiague, NY 11726, 631-226-8021
Construction Electricity	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Construction Electricity	Lincoln Technical Institute Premier East Windsor CT Campus	advanced standing TBD through Dean evaluation	Must have a minimum of 80 average, receive a WT certificate of completion and teacher recommendation	To be determined upon transcript review	HS Admissions Rep, 97 Newberry Rd, East Windsor, CT 06088, 800-243-4242

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Construction Electricity	New England Institute of Technology	ELY117 Basic Wiring Techniques Lab-1 credit	2 year Wilson Tech certificate of completion with B average, 6 months of work experience	1 credit	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Construction Electricity	SUNY Delhi	ECMT130 Electrical Lab I	WT instructor letter of rec; must successfully complete one semester at Delhi before articulated credit is awarded	4 credits	Robert Mazzei, Coordinator of the Academic Exploration Program, SUNY Delhi, 271 Bush Hall, Delhi, NY 13753 (607) 746-4550
Cosmetology	Douglas Education Center	4 credits-CP706-Chemicals I 3 credits CP708 Professional Practices/Salon Management I 3 credits-CP716-Science I 6 credits-CP801-Hair Design/Hair Sculpture I 2 credits- CP812-Nails and Skin	NYS Cosmetology license, meet Douglas Education Center admission requirements for Master Cosmetology Program, Wilson Tech GPA of B or higher, letter of recommendation from one Wilson Tech instructor, enter Douglas Education Center within 2 years of Wilson Tech graduation	up to 18 credits	The Admissions Office, Douglas Education Center, 130 Seventh St, Monessen, PA 15062, 724-684-3684
Cosmetology	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Cosmetology	Western Suffolk BOCES Esthetics Program	100 hours advanced standing toward Western Suffolk BOCES Adult 600 hour Esthetics program	Hours awarded conditionally upon student obtaining NYS Cosmetology license prior to completing 500 hour Wilson Tech esthetics program	100 advanced standing hours	Ila Gaffney, Career Counselor, Western Suffolk BOCES, 152 Laurel Hill Rd, Northport NY 11768, 631-261-3600
Criminal Justice	Farmingdale State College	DUAL ENROLLMENT CRJ 100-Introduction to Criminal Justice CRJ 205-Criminal Procedure Law	Student must sign up for this opportunity as a second year student at Wilson Tech and must currently be completing their second year of Criminal Justice. Must have less than 18 absences in each academic year of Criminal Justice. Must be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including, Farmingdale for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Criminal Justice	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and an Elective and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and Liberal Arts Elective	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Criminal Justice	Herkimer County Community College	CJ 125 Intro to Law Enforcement, CJ 210 Intro to Private Security	Successful completion of WT curriculum with a B or better, acceptance to the college	6 credits	Michael Oriolo, Dean of Academic Affairs, Herkimer County Community College, 100 Reservoir Road, Herkimer, NY 13350, 315-866-0300
Criminal Justice	Monroe College	CJ 101-Introduction to Criminal Justice (3 Credits) CJ102-Introduction to Law Enforcement (3 credits)	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor	Up to 6	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801 914.740.6537
Criminal Justice	Nassau Community College	CRJ105 Foundations of Justice; CRJ101 Police Organization and Administration	Successful completion of WT curriculum with a GPA >=80%; Attendance >=80%; HS GPA >=75%	6 credits	Dianne Guarino, Associate Director of Admissions, Nassau Community College 1 Education Drive Rm. V210 Garden City, NY 11530
Criminal Justice	SUNY Canton	Students must be accepted to one of the following programs to be awarded credit: Criminal Justice, AAS Criminal Investigation, BTech Criminal Justice: Law Enforcement Leadership, BTech Homeland Security, BTech JUST 101 Intro to Criminal Justice 3 credits General Elective 3 credits	To be considered for credit, students must be accepted to Criminal Justice AAS, Criminal Justice: Law Enforcement Leadership BTech, Criminal Justice Investigation BTech or Homeland Security BTech degree program and present their Wilson Tech 2 year certificate of completion and transcript with minimum 80% GPA.	6 credits	Dr. Elizabeth Brown, Department Chair- Criminal Justice, erickson@canton.edu

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Culinary Arts	Culinary Institute of America	Waiver of application fee. (use code READYCIA) Waiving of CIA's pre-enrollment requirement of 6 months of hands on experience in food service. Waiver of Food Safety course for students submitting ServSafe certificate. Grant of up to \$4000 for qualified students enrolling within one year of graduation from Wilson Tech.	Students must earn two year certificate of completion from Wilson Tech Culinary Arts program, recommendation of instructor and be planning to attend degree program at Hyde Park campus. For food safety credit, student must submit copy of ServSafe certificate, for grant, student must enter CIA within one year of graduation from Wilson Tech	Waiver of pre-enrollment requirements, possibility of credit for food safety and possibility of scholarship	Susan P. Lavender Associate Director of Admissions The Culinary Institute of America 1946 Campus Drive Hyde Park, NY 12538 Direct Office: 845-451-1557
Culinary Arts	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Culinary Arts	Johnson and Wales University	STUDENTS CAN TAKE PRACTICAL EXAM FOR \$100 each in the following areas to test out of classes: CUL1345 Intro to Baking & Pastry; CUL1355 New World Cuisine; CUL1385 Fundamentals of Food Service Production IN ADDITION: If student can show certificate from National Restaurant Association, National registry of Food Safety Professionals or Thomsen Prometric they will be exempt from FSM1065-Sanitation Management for 1.5 credits.	Students must meet all admission requirements for Johnson and Wales, show two year certificate of completion from Wilson Tech with minimum of a B (3.0) average at Wilson Tech, before beginning studies at Johnson and Wales, students must pass a practical exam in each course area they are requesting credit for.	Up to 9 quarter credits PLUS credit for FSM1065 if student can show NRA sanitation certificate	Kristin Turchetta University Transfer & Testing Student Academic Services Johnson & Wales University Phone: (401) 598-1481 Email: kturchetta@jwu.edu
Culinary Arts	Lincoln Culinary Institute	CUL140S Introduction to Culinary Arts	For entry into Lincoln's Culinary Arts (CUL100D), Italian Culinary Arts (ICUL100D), or International Baking and Pastry (IBP100D) Program; the student must have 80% (B) or higher in all courses; and the student must have exceptional attendance. For processing advanced standing credit, the instructor will be asked to complete a form certifying the completion of appropriate tasks	TBD	David Mc Gurn, Culinary Program Manager, Lincoln Culinary Institute, 1760 Mapleton Ave, Suffield CT 06078, 866-672-4337
Culinary Arts	Monroe College	HP 151-Culinary Arts I (2 credits), HP 151L-Culinary Arts I, Lab (1 credit), HP 101-Introduction to Hospitality Management (3 credits)	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor	Up to 6	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801 914.740.6537
Culinary Arts	Nassau Community College	Hotel174 Fundamentals of Food Production; Hotel176 Special Functions	Successful completion of WT curriculum with 80%; certificate of completion	6 credits	Dianne Guarino, Associate Director of Admissions, Nassau Community College 1 Education Drive Rm. V210 Garden City, NY 11530
Culinary Arts	National Restaurant Association Educational Foundation ProStart Program participating schools:	Varies according to college, participating colleges: The Art Institute of Las Vegas, The Art Institute of Tampa, Bethune-Cookman College, California State Polytechnic University Pomona, Conrad N. Hilton College of Hotel & Restaurant Management, The Culinary Institute of America, Johnson & Wales University, Kendall College, New England Culinary Institute, Oklahoma State University, Orlando Culinary Academy, Scottsdale Culinary Institute, Washington State University	Student must earn ProStart Certificate of Achievement, have minimum GPA of 2.0; have met required proficiency level and have work based learning	TBD	New York State Prostart Contact: Liz Soscia 518-452-5522 x214
Culinary Arts	New York Institute of Technology (NYIT)	Application Fee Waived (use fee waiver code ADMREP), possibility for scholarship, Up to 9 credits towards BPS in Hospitality Management; HOSP 125- Culinary Theory & Style HOSP 135 Culinary Techniques HOSP Elective	Student must earn their Wilson Tech 2 year certificate of completion with GPA of 80 and meet all NYIT Admission Requirements for the Hospitality Management BPS Degree Program	Up to 9 credits	James Dunne, Professor of Hospitality Studies, NYIT School of Management, Northern Boulevard, P.O. Box 8000 Old Westbury, NY 11568-8000, 516.686.1000

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Culinary Arts	SUNY Cobleskill	Provided student meets admission requirements and there is room in the program, WT students are guaranteed admission into the AOS Culinary Arts or AAS Restaurant Management or BBA Technology Management Culinary Arts major with advanced standing of CAHT111 Basic Food Prep (3 credits); CAHT103 Food Service Sanitation (2 credits) if student has ServSafe Certificate or equivalent and CAHT140 Hospitality Math (3 credits) after earning a 75% on math challenge exam given first week of classes at SUNY Cobleskill.	Student must show successful completion of WT curriculum with an 85 avg, proof of high school graduation, letter of recommendation from WT instructor submitted with application and indication that WT has articulation agreement for their program and must meet all other admission requirements.	up to 8 credits	Kelly Yacobucci Articulation Agreement Coordinator SUNY Cobleskill Frisbie Hall 110 Cobleskill, NY 12043 518-255-5460, YacobuKR@cobleskill.edu
Culinary Arts	SUNY Delhi	HOSP110-Basic Food Preparation and Standards; HOSP115-Basic Food Preparation and Standards Lab; HOSP135-Foodservice Sanitation; HOSP000-Restricted Elective	Student must submit "Teacher Recommendation for College Course Credit" and "Course Competencies Checklist", have B or better, enter a program in the Hospitality Management Department and credit will be awarded after one full semester at SUNY Delhi for students who maintain a GPA of 2.00	8 credits	Hospitality Department Chair, David Brower, SUNY Delhi, 111 Alumni Hall, Delhi, NY 13753, 607-746-4318
Digital Film and Video Production	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and VID 121 Introduction to Filmmaking and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and VID 131 Television Workshop	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Digital Film and Video Production	Nassau Community College	Art140 Visual Communications; ART108 Advertising Art; ART130 Microcomputer Graphics	Successful completion of WT curriculum with a GPA >=80%; Attendance >=80%; HS GPA >=75%; Quality Portfolio Review will determine what classes student can get credit for on individual basis	up to 9 credits	Dianne Guarino, Associate Director of Admissions, Nassau Community College 1 Education Drive Rm. V210 Garden City, NY 11530
Digital Film and Video Production	New England Institute of Technology	COM101 Video Techniques/Studio I COM127 Field Shooting/Lighting	Two year certificate of completion with at least a B average; acceptance for admissions; official transcript; must enroll within 1 yr of HS graduation	8 credits	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
Digital Film and Video Production	Suffolk County Community College	CIN 117- Digital Film Making I	Student must sign up for this opportunity as a second year student at Wilson Tech. Student must be completing their second year of Digital Film and Video Production, have less than 18 absences in each academic year of Digital Film and Video Production and be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including Suffolk, for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Early Childhood Education	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Early Childhood Education	Herkimer County Community College	HU110 Fundamentals of Art in ECE; ED223 Practicum I: Early Childhood	Successful completion of WT curriculum with a B or better, acceptance to the college	6 credits	Michael Oriolo, Dean of Academic Affairs, Herkimer County Community College, 100 Reservoir Road, Herkimer, NY 13350, 315-866-0300
Early Childhood Education	Monroe College	ED 101-Foundations of Education (3 credits)	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor	Up to 3	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801 914.740.6537
Early Childhood Education	Nassau Community College	NED101; SEV102	Successful completion of WT curriculum with a GPA >=80%; Attendance >=80%; HS GPA >=75%	8	Dianne Guarino, Associate Director of Admissions, Nassau Community College , 1 Education Drive Rm. V210 Garden City, NY 11530

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Early Childhood Education	SUNY Canton	ECHD 121 Wellness in Young Children; Promoting Health, Safety and Nutrition (3 credits); ECHD 200 Planning Programs for Young Children (3 credits)	To be considered for credit, students must be accepted to Early Childhood AS program and present to SUNY Canton Early Childhood Program Director the following items and written request prior to pre-scheduling for second semester at SUNY Canton: WT 2 year certificate of completion and transcript with minimum 80% GPA, Portfolio with completed assignments and evidence of content learned, including senior project prior to taking ECHD 121 and ECHD 200 letter of recommendation from Wilson Tech Early Childhood Instructor.	6 credits	Maureen Maiocco, Curriculum Coordinator, Program Director, Early Childhood Studies, maiocco@canton.edu
Early Childhood Education	SUNY Cobleskill	ECHD 101-Basics of Early Childhood -3 credits	Student must show successful completion of WT curriculum with a GPA of 85; letter of recommendation from Tech instructor and portfolio of work showing student is becoming a professional.	up to 3 credits	Submit admission application & Wilson Tech letter of recommendation to Admissions. For questions about articulation, contact Jane White, SUNY Cobleskill, Knapp Hall 106, Cobleskill, NY 12043, 518-255-5011
Esthetics	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Fashion Merchandising/ Design	Fashion Institute of Design and Merchandising, The	History of Costume -GNST 1170-3 quarter units, Textile Science-GNST 1440-3 quarter units	Successful completion of WT curriculum with a "B" average; WT certificate of completion; must meet admission requirements for FIDM; including high school graduation	6 quarter credits	Yvette Flores, Articulation Coordinator FIDM/Fashion Institute of Design & Merchandising 919 South Grand Ave Los Angeles, CA 900015
Fashion Merchandising and Design	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and Mathematics Elective and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and THE 313 Costume Design/Makeup	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Fashion Merchandising/ Design	Laboratory Institute of Merchandising	1 of 4 fashion electives during 1st 2 years of college	Student must earn 2 year certificate of completion from WT with a minimum average of B/80%, student must be accepted as matriculated student to LIM	3 credits	Dr. Jacqueline LeBlanc, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Fashion Merchandising/ Design	Long Island University-CW Post	DUAL ENROLLMENT Up to 6 credits on a transcript FM10 Introduction to the Fashion Industry and FM12 The Business of Fashion Merchandising	Student must sign up for this opportunity as a second year student at Wilson Tech. Must currently be completing their second year of Fashion Merchandising/Design. Must have less than 18 absences in each academic year and be holding a 80 or better average. Recommendation from the student's tech counselor and teacher.	Transcript can be presented to any college, including LIU, for consideration towards transfer credit. Each college determines if they will or will not accept credit.	Renee Massari, Wilson Tech, 507 Deer Park Rd, Huntington Station, NY 11746, 631-425-9050
Fashion Merchandising/ Design	Nassau Community College	FBM 120	Must receive a WT certificate of completion; overall GPA of 80 throughout WT course of study; 80% attendance; graduate with an avg of 75	3 credits	Dianne Guarino, Associate Director of Admissions, Nassau Community College, 1 Education Drive Rm. V210 Garden City, NY 11530
HVAC/ Plumbing	Alfred State College	BLCT1132 Estimating I; BLCT3453 Plumbing Trade Safety, History and Drain Piping	Must meet all Alfred admission requirements; maintain an 85% average in WT program; must submit a work portfolio requesting articulation during the last two weeks of April; letter of recommendation from WT instructor; must earn 85% on proficiency test given by Alfred instructor	up to 5 credits	Thomas Murphy, Recruitment and Articulation, 2530 South Brooklyn Ave, Wellsville, NY 14895, 607-587-4133

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
HVAC/ Plumbing	Electrical Training Center of LI	Scholarship towards HVAC/R training program	Student must have 80% GPA in Wilson Tech, receive their 2 year certificate and enter 600 hour program at ETC, Inc within 2 years of high school graduation, letter of recommendation from Wilson Tech teacher, 250-500 word essay answering "Based on your opinion, how would you explain how the building trades affect our economy and quality of life?"	scholarship tuition discount	Liz Goldner, Compliance Manager, Electrical Training Center, Inc. 65 Elm St, Copiague, NY 11726, 631-226-8021
HVAC/ Plumbing	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
HVAC/ Plumbing	Lincoln Technical Institute Premier East Windsor CT Campus	Advanced standing TBD through Dean evaluation	Must have a minimum of 80 average, receive a WT certificate of completion and teacher recommendation	To be determined upon transcript review	HS Admissions Rep, 97 Newberry Rd, East Windsor, CT 06088, 800-243-4242
HVAC/ Plumbing	New England Institute of Technology	AH114 Refrigeration Systems Fundamentals; AH116 Refrigeration Systems Fundamentals Lab, AH212 Refrigeration Technician Certification	Minimum Wilson Tech grade of B+; acceptance into NEIT's Refrigeration/Air Conditioning/Heating Technology Associate Degree Program; official transcript; must enroll within 1 yr of HS graduation	9 credits, 12 credits, students will get a tuition reduction for transferred credits which will be applied in the final quarter of curriculum at NEIT	Tara Rugg, Communications Coordinator, NEIT, 1 New England Tech Blvd, East Greenwich RI 02818-1258, 800-736-7744 x3324
HVAC/ Plumbing	SUNY Canton	MECH 103 (Intro to HVAC-R)	Students must submit BOCES transcript showing successful completion of HVAC class with minimum of 80% GPA. Students must also be accepted and enrolled in SUNY Canton's Air Conditioning Engineering Technology (AAS) -or- Mechanical Engineering Technology (AAS) Program	3 credits	Air Conditioning Maintenance & Repair Curriculum Coordinator: Stanley Skowronek-315-386-7111- skowr100@canton.edu Mechanical & Energy Technology Department Chair: Daniel Miller-315-386-7271
HVAC/ Plumbing	SUNY Delhi	RFAC120 Fundamentals of Refrigeration lab after successful completion of one semester	Wilson Tech certificate of completion; demonstrated mastery of listed course competencies; WT letter of recommendation	4 credits	Robert Mazzei, Coordinator of the Academic Exploration Program, SUNY Delhi, 271 Bush Hall, Delhi, NY 13753 (607) 746-4550
Medical Assisting	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Medical Assisting	Monroe College	HA 106-Introduction to Contemporary Health Issues (3 credits) Option to test out of HC 108-Anatomy and Physiology (3 credits) and HC 126-Medical Terminology (3 credits)	Be accepted to Monroe College, earn two year certificate of completion from Wilson Tech with minimum GPA of 80, earn high school diploma and provide letter of recommendation from Wilson Tech instructor	Up to 9	LALIE ORTEGA Admissions Counselor 370 Main Street New Rochelle, NY 10801 914.740.6537
Medical Assisting	SUNY Canton	HLTH 200 Medical Terminology of Disease- 3 credits	Student must earn 80 or higher in Wilson Tech as documented by Wilson Tech transcript and two year certificate of completion. Student must also meet admission requirements and enter into SUNY Canton's Health Science Career Studies Certificate program or Health Care Management Bachelor of Technology Program.	3 credits	Health Care Management Program -Dr. Anthony Signorelli, Curriculum Coordinator, Health Care Management, 315-386-7194, signorellia@canton.edu Health Science Career Studies Program -Dr. Kenneth Erickson, Dean, School of Science, Health and Criminal Justice, 315-386-7401, erickson@canton.edu
Medical Laboratory	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Medical Laboratory	SUNY Canton	HLTH 200 Medical Terminology of Disease- 3 credits	Student must earn 80 or higher in Wilson Tech as documented by Wilson Tech transcript and two year certificate of completion. Student must also meet admission requirements and enter into SUNY Canton's Health Science Career Studies Certificate program or Health Care Management Bachelor of Technology Program.	3 credits	Health Care Management Program -Dr. Anthony Signorelli, Curriculum Coordinator, Health Care Management, 315-386-7194, signorellia@canton.edu, Health Science Career Studies Program -Dr. Kenneth Erickson, Dean, School of Science, Health and Criminal Justice, 315-386-7401, erickson@canton.edu
Photography	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Physical Therapy Aide	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Physical Therapy Aide	Herkimer County Community College	Required pre-requisite of 15 hours clinical observation will be waived for entrance into AAS Physical Therapy Assistant degree. All other entrance requirements must still be met.	Minimum grade of B and Instructor letter of recommendation	Pre-Requisite	Mr. Michale Oriolo Dean of Academic Affairs 100 Reservoir Rd Herkimer, NY 13350 315-866-0300 x8263
Physical Therapy Aide	Nassau Community College	Nassau Community college will set aside seats for two Wilson Tech graduates who meet criteria. Additional students are encouraged to apply as well.	Graduate Wilson Tech Physical Therapy Aide program with a 90 or higher within 18 months of entering college. Meet all admission requirements for Nassau Community College's Physical Therapist Assistant Program. Complete AHS 131- Anatomy and Physiology with a grade of C+ or better prior to beginning Physical Therapist. Complete English Composition ENG 101 and at least 3 additional credits front he following college courses: English Composition II, Intro to Psychology, Intro to Allied Health Sciences, mathematics elective and humanities elective with GPA of 3.0 or higher. Complete application by January 15.	Priority Admission to competitive program	William O'Keefe Program Director Physical Therapist Assistant Program, Nassau Community College, 1 Education Drive, Garden City NY 11530, 516-572-9640
Physical Therapy Aide	SUNY Canton	Students will be considered for 3 bonus points on their Admission Rubric to the Physical Therapy Assistant A.A.S. Program. The 3 bonus points would be for completion of 20 hours of professional observation.	Students must be applying to Physical Therapist Assistant A.A.S. Program. Student must show Wilson Tech 2 year certificate of completion and minimum of 85 GPA on transcript. Admission is not guaranteed, student must still meet all admission criteria.	Advantage in Admission Process	Deborah S. Molnar, PTA Program Director, 315-386-7394, molnard@canton.edu
Professional Health Careers	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Professional Health Careers	Western Suffolk BOCES: LPN, Surgical Technology, Radiologic Technology or Sonography Program	One entrance exam for a reduced charge of \$75 for LPN, Radiological Tech, Surg Tech, and Sono. Application fee of \$60 waived. Ability to apply for a Career Pathway Scholarship. Tuition adjustment for waiver of Comm. And Study Skills portion of LPN and Surg Tech curriculum	Successful completion of PHC course; WT letter of recommendation, Career Pathway Scholarship Application.	Eligibility determined by Health Office; amount of tuition waiver determined based on amount of tuition at time of program entry.	RoseMary Nagler, Assistant Principal of Health Careers, 152 Laurel Hill Rd, Northport NY 11768, 631-261-3600
Professional Photography	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters and an Elective and <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters and VID 145 Digital Photography	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns. Advanced standing credits must be applicable towards degree program chosen	up to 6 credits and tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163

CTE PROGRAM	POST SECONDARY INSTITUTION	CLASS/CREDITS WAIVED	CRITERIA	CREDIT	CONTACT AT COLLEGE
Professional Photography	Mohawk Valley Community College	Credit for PT101 if finish Year 1 of Wilson Tech and PT207 if finish Year 2 of Wilson Tech	For students who are admitted to the MVCC programs in Digital Animation, Fine Arts, Graphic Arts, Graphic Design, Illustration or Photography/ Students must complete Wilson Tech with a minimum GPA of 85, provide MVCC with a letter of recommendation from Wilson Tech teacher indicating if student should be given credit for PT101 and/or PT 207 with transcript. Dean and faculty must review student application for final approval.	Up to 6 credits	Art Studies Department Director Mohawk Valley Community College 1101 Sherman Dr, Utica NY 13501
Veterinary Assisting	Alfred State College	Student will be awarded 6 Veterinary Technical Elective credit in Agriculture and Vet Tech Dep't	Successful completion of WT 2 year curriculum with B+ or 85% average for each year of program, meet entrance requirements to SUNY Alfred, provide transcript and submit letter requesting credit to SUNY Alfred	6 credits	Send letter to Dr. Philip Schroeder, Chair of Agriculture and Veterinary Technology Department and submit transcripts to Jason White, Transfer Advisor. Both at Alfred State College, 10 Upper College Dr, Alfred, NY 14802, 607-587-4714
Veterinary Assisting	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Veterinary Assisting	SUNY Cobleskill	Guaranteed admission to the Dept. of Animal Science; ANSC114 Canine Management; ANSC140 Small Animal Management	Successful completion of WT curriculum with a certificate of completion and 90% attendance rate; must meet SUNY Cobleskill admission requirement for intended major; WT instructor letter of rec	up to 4 credits	Submit admission application & Wilson Tech letter of recommendation to Admissions. For questions about articulation, contact Jane White, SUNY Cobleskill, Knapp Hall 106, Cobleskill, NY 12043, 518-255-5011
Welding	Five Towns College	<u>With 1 year certificate from Wilson Tech:</u> 15% tuition scholarship for up to 8 consecutive full-time semesters <u>With 2 year certificate from Wilson Tech:</u> 25% tuition scholarship for up to 8 consecutive full-time semesters	Earn a certificate of completion from Wilson Tech with a 70% average or better as indicated on an official High School transcript and have completed Wilson Tech within 5 years of time of application to Five Towns.	tuition scholarship	Carolann Miller, Provost, Five Towns College, 305 North Service Rd, Dix Hills NY 11746, 631-656-2163
Welding	Lincoln Technical Institute Premier East Windsor CT Campus	Advanced standing TBD through Dean evaluation	Must have a minimum of 80 average, receive a WT certificate of completion and teacher recommendation	To be determined upon transcript review	HS Admissions Rep, 97 Newberry Rd, East Windsor, CT 06088, 800-243-4242
Welding	Ohio Technical College	Up to 2 Ohio Technical College Welding Modules with corresponding tuition reduction	Graduation with at least a B average for Welding Class, pass prior knowledge exam at Ohio Technical College and must enroll within 1 yr of Completing HS; see contract for additional criteria. Students who do not pass prior knowledge exam will not be offered advanced recognition.	To be determined on an individual basis	Bill Hantl, Director of Technical Training Ohio Technical College, 1374 East 51st St, Cleveland Ohio 44103, 216-881-1700
Welding	SUNY Canton	2 credits (AUTO 104 Basic Welding) to go towards Automotive Technology A.A.S. Degree	Student submit a transcript showing at least an 85 average in the Wilson Tech Welding class and 2 year certificate of completion and be accepted to the Automotive Technology A.A.S. Degree program	2 credits	Brandon Baldwin, Curriculum Coordinator, Automotive Technology, SUNY Canton, 34 Cornell Dr, Canton NY 13617, 315-379-3866, baldwinb@canton.edu
Welding	SUNY Delhi	WELD140 Blueprint Reading	WT instructor letter of rec; must successfully complete one semester at Delhi before articulated credit is awarded	3 credits	Eric Robert, Dean, Applied Sciences & Building Technologies Division, SUNY Delhi, Delhi, NY 13753 607-746-4073

Adult Career Opportunities (18 years and older)

Students, in secondary programs, have the opportunity to extend their studies through Wilson Tech's Adult programs. Wilson Tech offers more than 400 courses for adults to learn skills necessary for entering the job market for the first time, changing careers, or advancing in their present job. Evening and weekend classes are held at Tech's four campuses and neighborhood locations in Western Suffolk County.

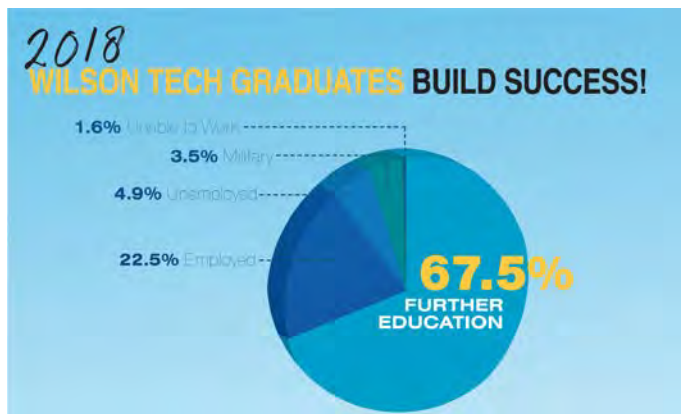
Advanced-standing may be earned upon meeting the criteria in select programs. In addition, specific full-time programs for adults qualify for Title IV funding and financial aid. Students who are transitioning into post-secondary education through ACCES-VR can contact Tech's liaison. Call (631) 667-6000, x320 to speak with a counselor or request a current course catalog. Visit us at: www.wilsontech.org/adult

Tech Graduates

The Wilson Tech Job Placement Office actively follows our graduates to chart their success after graduation. Each year we publish a summary of what our recent grads are doing. Every effort is made to contact all our former students. We are very proud of the success our graduates have achieved. **Note:** more than half of our graduates pursue higher education.

What Happened to the Class of 2018?

(Percentages are based on responses of those surveyed.)



Programs	Percent Employed	Percent Further Education	Percent Military	Percent Unemployed
Construction Careers Architectural Design/CAD, Carpentry, Construction Electricity, Heating/Ventilation/Air Conditioning (HVAC), Welding	49%	43%	4%	3%
Graphic & Media Arts Careers Advertising/Graphic Design, Audio Production, Digital Film & Video Production, Professional Photography	14%	80%	0%	4%
Health Careers Medical Assisting, Medical Laboratory, Nurse Assisting, Professional Health Careers, Physical Therapy Aide	17%	78%	2%	2%
Service Careers Certified Personal Trainer, Cosmetology, Criminal Justice, Culinary Arts, Early Childhood Education & Care, Fashion Merchandising/Design, Veterinary Assistant	17%	72%	5%	5%
Technical Careers Computer Networking, Electronics/Robotics/Computer Repair	18%	74%	0%	9%
Transportation Careers Aircraft Technology, Auto Body Repair, Automotive Technology, Aviation Science/Flight, Marine & Motor Sports Technology	31%	53%	5%	9%

Career Majors in Construction Occupations

Architectural and Interior Design/CAD

Carpentry

Construction Electricity

Heating/Ventilation/AC/Plumbing

Welding



Architectural and Interior Design/CAD

Curriculum Certified by American Design Drafting Association



ARCHITECTURAL AND INTERIOR DESIGN/CAD prepares students for entry-level positions in architectural firms and other related fields or to continue their education in post-secondary institutions. The course develops the basic skills necessary for both architecture and building construction. Methods for developing residential and commercial projects, as well as the proper techniques for the preparation of design presentation and construction drawings, will be taught. Detailed floor plans, foundation plans, building sections and elevations are covered in the coursework. In addition to obtaining the skills needed to understand Architecture and CAD, instruction also includes lessons about architectural history and “green” renewable technologies. Students will utilize computer aided drafting using the AUTODESK software program.

Work Environment

Architects and their associates prepare clear and accurate working plans and detailed drawings from rough sketches. Those associates who specialize in AUTODESK software programs are employed in a variety of firms including architectural, engineering, manufacturing, electronic, aeronautical and landscape companies as well as municipalities and government agencies. They work closely with engineers and other professionals in comfortable, well-lit environments. Travel to job sites may be required to provide accurate measurements for drafting, as well as inspections when construction occurs.

Career Opportunities

Architect
Business Owner (drafting, home improvement, technical consulting)
CAD Operator
Green Technology Consultant
HERS Rater
Construction Company Owner
Detailer
Engineer
Estimator
Expeditor
Interior Designer
Landscape Designer
Manufacturer's Representative
Project Manager
Salesperson
Specifications Writer

Student Supplies

No student-purchased supplies necessary.

Advanced Standing Available*

Five Towns College
Island Drafting & Technical Institute
New England Institute of Technology
SUNY Delhi
Dual Enrollment:

Farmingdale State College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Nat'l Occupational Competency Testing Exam (NOCTI) - Architectural Drafting.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Careers in Architecture
- Equipment & Supplies
- Construction Drawings
- Presentation Drawings
- Residential Design
- Commercial Design
- Site Planning
- Model Making
- Computer Aided Drafting
- Renewable Green Technology Building Systems
- Revit
- Sketch UP
- Interior Space Planning



Carpentry

Accredited Training & Education Facility - National Center for Construction & Education Research



CARPENTRY develops skills and knowledge of constructing houses and commercial buildings. Students will receive instruction in the proper care and safety of tools and equipment and how to work from plans and specifications. Students will frame and complete the exterior and finish the interior of a small house. They will be exposed to all areas of alterations.

Work Environment

Carpenters work outdoors as well as indoors and should not be afraid of heights. Safety rules must be followed outdoors and in the shop. Hand tools and power tools are used. Advancement will require additional training and education beyond high school and/or experience.

Career Opportunities

Cabinetmaker
Carpenter Foreperson
Estimator
Finish Carpenter
Flooring Installer
Framer
General Carpenter
Roof Installer
Siding Installer (all types)
Stage-set Carpenter
Trimmer (inside)

Advanced Standing Available*

Alfred State College
Five Towns College
New England Institute of Technology
SUNY Delhi

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Center for Construction and Education Research (NCCER) Carpentry Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Shop and Field Safety Procedure
- Basic Hand Tools: Care and Maintenance
- Power Tools: Care and Maintenance
- Interpretation of Blueprints and Drawings
- Green Technology
- Skills in Accurate Workmanship
- House Framing
- Roofing
- Sheetrock/Spackle
- Siding
- Stairs
- Railing
- Flooring
- Cabinet Assembly & Installation
- Moldings
- Door Installation
- Suspended Ceilings
- Metal framing
- Interior Finish



Construction Electricity

Accredited Training & Education Facility - National Center for Construction & Education Research



CONSTRUCTION ELECTRICITY develops skills and knowledge necessary to pursue a career in the electrical construction industry or to continue on to post-secondary education. Instruction includes commercial and residential wiring methods, with a focus on implementing green technology. Solar and wind energy sources are explored. Students install solar panels for residential use, conduit systems which supply power and lighting for use in commercial settings and communication systems.

Work Environment

The electrician may work indoors or outdoors. The construction electrician requires a working knowledge of the construction field, often working closely with other trades such as carpenters and plumbers. Skills in reading plans and schematics are essential. Work involves residential, business, and industrial applications, as well as installation and repair of various electrical devices, systems, and controls.

Career Opportunities

Building Maintenance
Business Owner–
Electrical Contractor
Designer
Electrician
Electrician Helper
Engineer
Estimator

Advanced Standing Available*

Alfred State College
Electrical Training Center of L.I.
Five Towns College
Lincoln Technical Institute
New England Institute of
Technology
SUNY Delhi

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci,
English 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Center for Construction and Education Research (NCCER) Electrical Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Helpful Preparatory Courses

- Drafting
- Industrial Arts
- Ninth and Tenth Grade Math (Highly Recommended)

Course Outline

- Basic Electrical Theory
- Residential Wiring
- Commercial Wiring
- Industrial Wiring
- Installation of Wiring Systems
- Drawings and Schematics
- Control Equipment
- Test Equipment
- Electric Codes
- Motor Installation
- Troubleshooting
- OSHA Standards



Heating/Ventilation/AC/Plumbing

Accredited Training & Education Facility - National Center for Construction & Education Research



HVAC/PLUMBING develops skills and knowledge of servicing and repairing refrigeration, air-conditioning, heating and ventilation systems for home, business and industry. In addition, students will be provided with a review of plumbing basics including piping for kitchens and bathrooms.

Work Environment

Individuals in this trade work both indoors and outdoors, independently and in groups. Initiative and independence are required to install, maintain and repair plumbing and environmental control equipment.

Career Opportunities

Assembler of Components
EPA Certification
Factory Representative
Oil burner Repairperson
Parts Salesperson
Refrigeration, A/C and Heating Unit Repairperson
Research and Development
Sheet Metal Worker
Systems Design/Layout
HVAC/P installer

Advanced Standing Available*

Alfred State College
Electrical Training Center of L.I.
Five Towns College
Lincoln Technical Institute
New England Institute of Technology
SUNY Canton
SUNY Delhi

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Center for Construction and Education Research (NCCER) - HVAC Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Basic Electrical Theory
- Heating and Ventilation
- Refrigeration and Air-Conditioning
- Sheet Metal
- OSHA
- Troubleshooting/Diagnosis
- System and Unit Repair
- Clean Air Requirements
- Plumbing
- Circuit board buildout
- EPA 608 License



Welding

Educational member of American Welding Society (AWS)



WELDING develops skills and knowledge in the fusing of different types of metals. Students will work from blueprints to layout, develop, fabricate, and form metals utilizing the Oxyacetylene Flame Cutting, Gas Welding, Shielded Metal Arc Welding (stick), Gas Metal Arc Welding (MIG), Gas Tungsten Arc Welding (TIG), and Plasma Arc Welding Processes.

Work Environment

The welder may work indoors or outdoors depending on the type of job being performed. Extreme heat is used in the welding process and protective goggles, masks, gloves, shoes and coveralls must be worn. Very strict safety rules must be followed.

Career Opportunities

Arc Welder
Business Owner
Certified Welder
Flame Cutter
Gas Welder
Heliarc Welder
Welding Engineer
Welding Inspector
Welder (Combo) Mechanic
Welding Supervisor

Advanced Standing Available*

Five Towns College
Lincoln Technical Institute
Ohio Technical College
SUNY Canton
SUNY Delhi

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Welding Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Shop and Field Safety Procedures
- Basic Electricity/Fundamentals of Blueprint Reading
- Thermodynamics/Layout and Development
- Properties, Identification, and Use of Metals
- Welding Processes and Techniques including Production and Maintenance Welding
- Inspection and Testing of Weldments
- Basic Metallurgy
- Special Welding Techniques
- Preparation for Welder's Certification Exam in 3G, 4G and 6G Pipe

Career Majors in Graphics & Media Occupations

Advertising/Graphic Design

Audio Production

Digital Film & Video Production

Professional Photography



Advertising/Graphic Design

Approved by New York State Education Department (NYSED)



ADVERTISING/GRAPHIC DESIGN is an excellent choice for a student with a background in art, and is interested in advancing their artistic and visual design abilities. The student will be developing strong board design skills, along with computer-generated design skills. Students are encouraged to develop strong design proficiency, to gain creative knowledge and develop a portfolio to pursue a college pathway in the field of design.

Work Environment

Most graphic artists work as staff or freelance artists for advertising departments of companies, printing and publishing firms, textile companies, media studios, and a variety of other businesses. Job duties include creating graphic concepts for print, multi-media design and web media. Other aspects of the job may include: developing advertising campaigns; designing logos, lettering designs, ads, stationery packages and illustrations.

Career Opportunities

Graphic Designer Art Teacher
Multimedia Artist/Fine Artist
Package Designer Illustrator

Advanced Standing Available*

Five Towns College
New England Institute of Technology
SUNY Canton
SUNY Cobleskill
Dual Enrollment–Farmingdale State College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Eng 12, Art, CFM, Comp App

Helpful Preparatory Courses

- Digital Art
- Drawing
- Painting
- Studio Art

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Advertising and Design Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- 2-D Design & Layout
- Advertising Flash Animation
- Color Theory
- Design Production & Output
- Digital Image Editing
- Foundations in Art & Design
- Graphic Design Layout
- Illustration
- Job Skills
- Perspective
- Portfolio Development
- Typography – board/digital



Audio Production

InfoComm International Member



AUDIO PRODUCTION will give students the opportunity to learn about basic audio production techniques. Students will learn to set up, operate and maintain a variety of analog and digital electronic equipment that is used in this industry. Students will practice their skills on audio mixing consoles, microphones, and digital multi-track recorders. Projects will include writing, producing, engineering and mixing projects in the fields of radio, television, film, broadcasts, concerts, plays, live musical recordings and commercial applications. Students will also learn music history and the development of diverse musical styles.

Work Environment

Audio Technicians and Producers generally work indoors in pleasant surroundings. However, projects outside the studio would subject audio technicians to all types of weather conditions. Audio Technicians may be required to set up heavy equipment. Producers may be under pressure to meet broadcasting deadlines and may need to work evening, weekend and holiday hours.

Career Opportunities

Audio Equipment Technician
Studio Technician
Field Recording Personnel
Chief Engineer
Field Technician
Radio Operator
Sound Engineering Technician
Sound Mixer
Studio Recording Engineer
Mastering Engineer
Foley Artist
Live Sound Technician
Transmission Engineers
On/Off Air Talent

Advanced Standing Available*

Five Towns College
New England Institute of Art
New England Institute of Technology
SUNY Cobleskill

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: SkillsUSA Career Essentials Exam - Audio Production.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Adobe Audition recording
- Digital recorders
- Multi-track audio recording
- Electronic instrumentation, operation, and composition
- Audio-mixing consoles
- Microphone Techniques
- Pro Tools 12 recording
- Live sound re-enforcement
- Multi-track editing systems
- Audio for Film/Video
- Apple Logic Pro X recording
- Room Acoustics and Design
- Channel Strip Plug-ins
- Mastering and Distribution
- Copyrighting
- Music History
- Graphic Design Album Covers



Digital Film & Video Production

InfoComm International Member



DIGITAL FILM AND VIDEO PRODUCTION develops the skills necessary to enter the field of television and digital film production. Through course work and hands-on experience, students participate in business and creative aspects of pre-production, production, post-production and basic audio production techniques. Good communication skills, proper use of English and computer skills are stressed.

Work Environment

Technicians may work in large city TV stations where jobs are specialized. In local stations, employees may handle several jobs simultaneously, working with the producer, director, announcer, art director, set director, makeup artist, graphic artist, wardrobe designer, music librarian, camera operator, film and tape editor, lighting director, floor director, sound-effects technician, researcher, property handler, and secretary.

Technicians also work closely with news directors, reporters, writers, researchers, on-air personalities, producers, and assignment editors as well as electricians, artists, carpenters and photographers.

Career Opportunities

Assistant Cameraperson
Audio Technician
Camera Operator
Casting Assistant
Desk Assistant
Event Videographer
Film Editor/Video Tape Editor
Gaffer/Grip
Non Linear Editor
Lighting Assistant
Master Control Operator
Multi-media Assistant/Technician
News Videographer
Production Assistant
Prop Person
Radio DJ
Researcher
Soundperson
Video Engineering Assistant

Advanced Standing Available*

Five Towns College
Nassau Community College
New England Institute of Technology
SUNY Cobleskill
Dual Enrollment: Suffolk County Community College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: SkillsUSA Career Essentials Exam - Television Video Production.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Fundamentals of Television/Digital Film & Production
- TV Equipment Use & Maintenance
- Non Linear Editing
- Audio Engineering
- Script Writing
- Set Design
- Set Building/Dressing
- Lighting
- Film Documentary Development
- Podcasting
- Youth Leadership Activities
- Career Opportunities



Professional Photography

InfoComm International Member



PROFESSIONAL PHOTOGRAPHY develops skills and knowledge of commercial photography. Students are provided opportunities to obtain studio and darkroom skills as well as learn the business aspects of photography.

Work Environment

The professional photographer may use a computer to work in a studio, a darkroom with chemicals, or outdoors on location. Photography is the cornerstone of graphic arts, television, video and arts of the stage. Well-paid opportunities in these fields are always open to trained persons.

Fashion, sports, science, education, research, publishing, government and the armed services look more and more to photography to report, dramatize, illustrate, clarify, explain, and sell. Vast and lucrative opportunities also exist for the special events photographer in every town.

Career Opportunities

Biomedical/Medical Photographer
Fashion Photographer
Forensic Photographer
Freelance Photographer
Industrial Photographer
Photographic Equipment Repair
Photographic Salesperson
Photojournalist
Photo Lab Technician
Portrait Studio Photographer
Special Events Photographer
Wedding Photographer

Advanced Standing Available*

Five Towns College
Mohawk Valley Community College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Skill Connect Assessment and Skills USA Career Essentials Exam - Photography.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Camera Theory and Applications
- Adobe Photoshop CC7
- Digital Cameras (DSLR)
- 35mm SLR Camera
- Lighting Techniques
- Film Processing
- Composition
- Business Techniques
- Portraiture
- Color Slide
- Fuji Emulsion Lift
- Publicity, Industrial Products, and Fashion work
- Black and White Darkroom
- Computer Skills
- Advanced Photographic Printing Techniques

Career Majors in Health Occupations

EMT - Emergency Medical Technician *Coming 2020-21*

Medical Assisting

Medical Laboratory

Nurse Assisting

Physical Therapy Aide

Professional Health Careers



Emergency Medical Technician (Coming 2020)

Pending Approval by New York State Education Department (NYSED)

Pending New York State Department of Health (NYSDOH)



EMERGENCY MEDICAL TECHNICIAN (EMT) course is available to students who are least 17 years old and will be eighteen by August 1st of the ending school year. EMTs are first responders in the event of medical emergencies. EMT's work with fire fighters and police to stabilize and transport patients to hospitals best suited to treat them. The Emergency Medical Technician educational pathway readies an EMT student to administer prehospital evaluation and supervision for patients of all ages with an assortment of medical emergencies that vary from: car accidents, childbirth, violent traumas, heart attacks and accidents. Areas of inquiry entails an introduction to emergency medical services systems, roles and responsibilities of EMTs, anatomy and physiology, how to treat medical emergencies or trauma. The New York State Department of Health EMT B Certification exam will be administered upon successful completion of this program

Work Environment

Their work is moderate to physically strenuous. EMTs may work in either urban or rural settings, they may work for private ambulance services, fire departments, hospitals or other rescue services. Depending on a system and its coverage area, career opportunities may also exist in areas like wilderness EMS, special operations, special events, hazardous materials, industrial safety, quality management and other areas.

Career Opportunities

There is opportunity for advancement as an EMT. If you reach the top-tier of EMT as a paramedic an individual could eventually become a supervisor, administrative director, operations manager, or an instructor, dispatcher, or physician assistant, among other things.

Helpful Preparatory Courses

- Biology
- Chemistry
- Algebra

Advanced Standing Available*

Agreement pending

*Advanced Standing may be available to those who successfully complete this Tech course. See Articulation Agreements in Handbook.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations. For the most current updates on local and national wages go to job search engines on the internet and www.careerzone.ny.gov

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Health, PE, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be Regents eligible, and pass the following national certification exam: National Occupational Competency Testing Exam (NOCTI) - NYS Health Assisting

Course Outline

- Introduction to EMS
- EMS safety procedures
- Human Anatomy
- Lifting and moving patients
- Airway management
- Patient Assessment
- Communication
- Obstetrics and Emergencies
- General pharmacology
- Communication
- CPR/AED Certification



Medical Assisting

Approved by New York State Education Department (NYSED)



MEDICAL ASSISTING is a fast paced rewarding career where your knowledge and skills will be in demand in many health care facilities. A medical assistant is a multi-skilled professional who works with patients and medical staff for the ultimate goal of quality patient care. A versatile member of any health care team, the medical assistant works with the physician in both administrative and clinical procedures in the medical office. Medical Assistants assist the physician with patient examinations and diagnostic procedures, perform EKGs and laboratory procedures. Students will also study anatomy and physiology, hematology, pharmacology and the administrative duties involved in running a medical office. Students spend one year studying medical administrative skills and one year developing advanced skills of a clinical medical assistant. A clinical internship in the second year of the program will be scheduled for those students meeting the criteria.

Work Environment

The medical assistant is prepared for entry-level employment in a variety of occupations in the health care industry. Various job titles are: Medical Assistant, Medical Secretary, Medical Receptionist, Billing Clerk, Insurance Claims Processor and Medical Collections.

Career Opportunities

Laboratories
HMO's
Medical Clerks
Medical Offices
Clinics
Hospitals
Industry
Urgent Care Centers

Advanced Standing Available*

Five Towns College
Monroe College
SUNY Canton
Wilson Tech Adult Program

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Helpful Preparatory Courses

- Biology

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Health, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Skills USA Career Essentials Exam - Medical Assisting

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Communications
- Medical Law and Ethics
- Anatomy & Physiology
Phlebotomy/Venipuncture
- First Aid
- Laboratory Procedures
- Pharmacology
- Clinical Practices
- Sterilization Techniques
- Infection Control
- Medical Terminology
- Electrocardiography
- Medical Specialties
- Electronic Health Records
- Medical Administrative Duties
- Accounts Management
- Office Management
- Billing Procedures
(including Electronic)
- Vital Signs
- Clinical Internship



Medical Laboratory

Approved by New York State Education Department (NYSED)



MEDICAL LABORATORY includes instruction in the skills necessary for entry level employment as a health care professional or for further education in a post-secondary institution. Students will be involved in medical terminology, measuring vital signs, electrocardiography (EKG), laboratory lessons in hematology, blood banking, chemistry, urinalysis, microbiology and phlebotomy. Second year students who meet all standards have an opportunity to participate in a hospital internship.

Work Environment

Laboratory tests play an important part in the detection, diagnosis, and treatment of many diseases. Medical laboratory workers, often called clinical laboratory workers, assist in the performance of tests under the direction of pathologists, medical technologists, and/or medical technicians. These tests are generally performed with a scientific team in modern surroundings on samples of blood, tissues, and body fluids to detect changes caused by various disease states. Laboratories are generally well lighted, clean, and present a pleasant atmosphere. Students will work with patients and, many times, follow their progress.

Career Opportunities

Doctors' Offices
Hospitals
Health Clinics
Medical Labs
Industry
Phlebotomists
Medical Clerks

Advanced Standing Available*

Five Towns College
SUNY Canton
Wilson Tech Adult Program

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Helpful Preparatory Courses

- Living Environment
- Chemistry

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Health, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Center for Competency Testing (NCCT) - Phlebotomy Technician Exam

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Orientation to the Medical Lab
- Basic Anatomy and Physiology
- Use/Care of Lab Equip.
- Blood Pressures/TPR
- Electrocardiography
- Infection Control
- Microbiology
- Urinalysis
- Introduction to Parasitology
- Blood Banking
- Blood Chemistry
- Hematology
- Phlebotomy
- Specimen Processing
- Standard Precautions
- Study Skills
- Telephone Comm.
- Resumé writing and job applications
- Applied language and math skills
- Interview Skills
- Clinical Internship



Nurse Assisting

Approved by NYS Department of Health



NURSE ASSISTING develops the skills, attitudes, and knowledge necessary to care for the sick in health care institutions and private homes. Skills developed in this program may be used as a direct entry to employment or as a preparatory course for Professional Health Careers or Adult Health Career Programs. Practical application of theory is stressed while performing hands on patient care to simulate industry standard practice.

Upon completion of this one year program students who are Certificate eligible (those who have passed the Nurse Assisting class, fulfilled their clinic hours, and met the attendance requirement) will sit for the Certified Nurse Aide (CNA) examination. Students who have met the above criteria, and have attempted the CNA exam, are eligible to enter the Professional Health Careers program the following year.

Work Environment

Nurse Assistants engage in bedside nursing care under the direction of a LPN or registered nurse. Job duties include assisting the Practical or Registered Nurse, in caring for patients, including bathing, dressing, feeding, transporting, bed making and personal needs. The Nurse Assistant may work in a hospital, a nursing home, or provide care for patients in their home. The Nurse Assistant has the opportunity to work any shift including weekends and holidays.

Career Opportunities

Certified Nurse Assistant
Geriatric Aide
Home Health Aide
Psychiatric Attendant
Rehabilitation Aide

Advanced Standing Available*

Upon successful completion of Professional Health Careers (PHC)

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Certification Requirements

All students successfully completing this program will be eligible for the NYS DOH Nurse Aide Certification Examination provided they meet the clinical and classroom attendance requirements.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng12, Health, CFM, Comp App

CTE Endorsement*

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following state certification exam: NYS Nurse Aide Competency Exam, Nurse Assisting Certification Exam (CNA).

Please note: In order to take the NYS Exam, students must also complete required clinical hours.

*In addition, students who complete their 2nd year in Professional Health Careers, and meet all criteria, may be eligible for CTE Endorsement.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations. For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Requirements

Students must have a complete physical in order to participate in the clinical component and a two year Infant, Child & Adult CPR certification.

Course Outline

- Introduction to Health Careers
- Interpersonal Relationships
- Anatomy and Physiology
- Nutrition
- Long-term Care
- Medical Terminology
- Supervised Off-site Clinical Experience (108 hrs)
- Legal and Ethical Responsibility
- First Aid
- Diseases and Disorders



Physical Therapy Aide

Approved by New York State Education Department (NYSED)



PHYSICAL THERAPY AIDES are a part of the rehabilitation team that help patients recover from injuries, improve their mobility and function, resume their daily activities and be able to enjoy life again. The student will gain the knowledge and skills necessary to assist Physical Therapists and Physical Therapy Assistants to set up and maintain treatment areas, organize equipment, assist patients to prepare for treatment and observe patients performing exercises as prescribed by the Physical Therapist. Additional skills will include CPR, customer service and office management procedures. A clinical internship in the second year of the program will be scheduled for those students meeting the criteria.

Work Environment

Physical Therapy Aides require a moderate amount of strength because of the physical demands of the position: Lifting, kneeling, stooping, bending and standing for long periods of time are all part of the day. The hours and days physical therapy aides work vary according to the facility they work in allowing some to work in part time shifts. Many offices have evening and weekend hours to coincide with patient schedules.

Career Opportunities

Nursing Care Facilities
Hospitals
Long Term Care Facilities
Rehabilitation Centers
Physical Therapy Offices
Clinics
Offices of Physicians

Advanced Standing Available*

Five Towns College
Herkimer County Community College
Nassau Community College
SUNY Canton

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Helpful Preparatory Courses

- Biology
- Medical Terminology

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, PE, Health, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: NOCTI - NYS Health Assisting

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- History of Physical Therapy
- Body Mechanics
- Set up and maintain treatment area
- Workplace Safety
- Anatomy and Physiology
- Communication Skills
- Assisting with Ambulation and Gait Training
- Range of Motion
- Transferring and Transporting of Patients
- Infection Control
- Law and Ethics
- Customer Service
- Common physical disorders and treatment
- Therapy treatments and exercise
- Mobility training
- CPR
- Physical Agents and Modalities
- Vital Signs
- Growth & Development



Professional Health Careers

Approved by New York State Education Department (NYSED)



PROFESSIONAL HEALTH CAREERS is available only to seniors who have previously taken the Nurse Assisting program and attempted the CNA exam. Those seniors who complete the entire program sequence and are Certified Nurse Assistants will qualify to take the Patient Care Technician Certification examination. A clinical internship in the second year of the program will be scheduled for those students meeting the criteria. Clinical students will participate in an off-site experience at partnering facilities to further refine their practical application. At Wilson Tech, opportunities for Advanced Standing in adult Practical Nursing and Surgical Technology are available provided that the student fulfills the stated criteria.

Prerequisite

Nurse Assisting
CNA Exam Attempt

Work Environment

Health professionals work in a variety of health care facilities. Depending on the position, they can work any shift, including weekends and holidays.

Career Opportunities

Hospitals
Physicians' Offices
Rehabilitation Centers
Clinics
Long Term Care Facilities

Advanced Standing Available*

Five Towns College
Wilson Tech Adult Medical programs (check with teacher)

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Patient Care Technician Certification Requirements

Those who complete the entire program who are Certified Nurse Assistants will qualify to take the NCCT Certification exam for Patient Care Technician.

Helpful Preparatory Courses

- Biology
- Chemistry

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Health, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following state certification exam: NYS Nurse Aide Competency Exam, Nurse Assisting Certification Exam (CNA).

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.
For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Requirements

Students must have a complete physical in order to participate in the clinical component and a two year Infant, Child & Adult CPR certification.

Course Outline

- Fundamentals of Health Care
- Personal/Vocational Relationships
- Study Skills
- Therapeutic Communication
- Anatomy & Physiology
- Basic Computer Technology
- Human Body–Health & Disease
- Mental Health
- Clinical Practice–Offsite (students must meet criteria prior to clinical placement)

Career Majors in Service Occupations

Business & Hospitality Management

Certified Personal Trainer

Cosmetology

Criminal Justice

Culinary Arts

Early Childhood Education

Esthetics

Fashion Merchandising/Design

Veterinary Medical Assisting



Business & Hospitality Management

Approved by New York State Education Department (NYSED)



BUSINESS AND HOSPITALITY MANAGEMENT cultivates the skills and knowledge needed to create and guide a business through all stages of growth. Training emphasizes entrepreneurship, legal and ethical business concepts, marketing, technological applications, human resources development, purchasing, accounting and cost control. The practical application of customer service procedures and professional communication skills will lead students toward gaining the knowledge and confidence to own, operate, or manage a successful business.

Work Environment

Managers typically work in pleasant, technology rich, air conditioned indoor surroundings. The ability to interface one-on-one with customers requires communication skills, professional demeanor and attention to personal appearance and hygiene. General responsibilities may include: making presentations, business planning, finance, purchasing, human resources, inventory controls, security, marketing, training, sales, and promotional advertising. Some travel may be required.

Career Opportunities

Accounting
Business Manager
Business Operations Manager
Business Owner
Catering Manager
Concierge/Guest Services
Convention, Meeting and Event Planning
Entrepreneur
Food and Beverage Manager
Franchisee
Hotel Manager
Human Resources Management
Marketing
Operations Officer
Purchasing Agent
Restaurant Owner/Manager

Advanced Standing Available*

Five Towns College
New York Institute of Technology
Dual Enrollment: St. Joseph's College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits Integrated:

Tech Math, Eng 12, CFM,
Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI): Hospitality Management - Food and Beverage.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.++

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Accounting Practices
- Business Planning
- Customer Service
- Entrepreneurship
- Management Training
- Marketing
- Personal Development
- Purchasing and Receiving
- Technology Applications



Certified Personal Trainer

Recognized Provider of National Council on Strength & Fitness of Pre-Professional Curriculum



CERTIFIED PERSONAL TRAINER includes topics in anatomy, physiology, kinesiology, injury prevention, supplementation and nutrition, and all aspects of weight and strength training. During the second year, students will be provided with more advanced training techniques and expand their knowledge in designing a creative workout program for a variety of clientele.

Work Environment

Personal Trainers typically work in a variety of settings including gyms, health clubs, hospitals, universities, schools, yoga and Pilates studios, wellness centers, sports performance centers, resorts and clients' homes. Personal Trainers work with clients on a one-to-one basis or in small groups. The environment in which a Personal Trainer works tends to be indoors. Many jobs are part time and fitness workers often supplement their income by working at several different facilities or clients' homes. Night and weekend hours are common.

Career Opportunities

Business Owner
Certified Personal Trainer
Fitness Director
Fitness Worker
Group Exercise Instructor
Strength & Conditioning Coach
Supervisor

Advanced Standing Available*

Five Towns College
Herkimer Community College
*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Health, PE, CFM, Comp App

Helpful Preparatory Courses

- Living Environment
- Health
- Physical Education

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Council on Strength and Fitness - Pre-Professional Personal Trainer.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Business Aspects
- Considerations for Special Populations
- Exercise Physiology
- Exercise Prescription and Programming Considerations
- Functional Anatomy and Training Instruction
- Health and Physical Fitness
- Nutrition
- Screening, Evaluation, and Professional Practice
- Training Instruction/Safety
- Weight Management
- Exercise Performance Library



Cosmetology

Approved by New York State Education Department (NYSED)



COSMETOLOGY develops skills and knowledge of hair styling, coloring, chemical hair reconstruction, hair removal, nail and skin care. Practical application of theory is stressed. First year students work on mannequins and then practice on each other. Second year student's advance their skills by working in our clinic, which is open to the public two days a week.

Work Environment

The ability to deal one-on-one with clients, the acquisition of commencement level math, reading, writing, and communications skills, attention to personal appearance and hygiene, and the development of responsible attributes are essential for cosmetologists. All states require beauty salon operators to be licensed. Before applicants are eligible to take the New York State licensing examination, they must successfully complete this NYS approved 1000-hour cosmetology course.

Career Opportunities

Artificial Hair Technician
Hair Color/Cutting Technician
Hair Technician Assistant
Hair Stylist/Educator
Marketing/ Merchandising
Nail Technician
Receptionist
Salon Owner/Manager
Skin Care Specialist
Waxing Technician

Advanced Standing Available*

Douglas Education Center
Five Towns College
Wilson Tech Adult Esthetics

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Licensing Requirements

All students successfully completing this program, (two year, 1000 hours), will be eligible to sit for the New York State Licensing Examination in Cosmetology. Students may take cosmetology for one year, but are ineligible to sit for the NYS licensing exam. Seniors may elect to further their education/hours with an adult Wilson Tech cosmetology class the following year.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Cosmetology.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Professionalism
- Bacteriology
- Safety/Decontamination
- Infection Control
- Scalp & Hair care
- Haircutting
- Wet Hair Styling
- Thermal Hair Styling
- Hair coloring
- Artificial Hair Enhancements
- Make-up
- Skin care & disorders
- Superfluous hair removal
- Nail Care
- Life Skills
- Chemical Texture Services
- Cells, Anatomy & Physiology
- Light Therapy
- Salon Business skills
- Computer Imaging
- Salesmanship



Criminal Justice

Member of Criminal Justice Studies / Technical Education Career Instructors



CRIMINAL JUSTICE will introduce students to laws that pertain to public and private security, investigative functions and techniques, patrol functions, security, access control, and emergency response. This course teaches appropriate skills to deal with social situations and security requirements as they affect the community. Students will receive preparation for CPR certification.

Work Environment

Personnel employed in the field of Criminal Justice may work for public or private institutions, e.g. local police departments, court systems, prisons, military police, store detectives, private security agencies, and private businesses. Technicians also work in computer/data processing jobs related to the industry.

Career Opportunities

Corrections Officer
Court Officer
Data Processor/Computer Processor
Document Examiner
Fingerprint Clerk
Investigator/Investigator Assistant
Military Police Officer
Police Officer
Probation/Parole Officers
Security Guard
Security Systems Salesperson
Store Detective

Advanced Standing Available*

Five Towns College
Herkimer Community College
Monroe College
Nassau County Community College
Dual enrollment - Farmingdale
State College
SUNY Canton

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Gov, PE, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Criminal Justice – Law Enforcement.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Crime Scene Investigation
- Introduction to the Court System
- Patrol Functions
- Introduction to Computers
- Crisis Intervention/Emergency Response
- CCTV
- Access Control
- Social and Economic Impact of Alcohol and Drug Abuse
- Career Orientation: Job Seeking, Job Keeping Skills, Administration, Management
- Intro. to NYS Laws
- First Aid and CPR
- Investigative Functions/Techniques
- Code of Conduct - Public Relations
- Development of Physical Skills
- Private and Public Security
- Communications
- Current and Critical Issues
- Principles of Defensive Driving
- Surveillance Systems



Culinary Arts

Certified by American Culinary Federation Education Foundation
(Nat'l. Restaurant Assoc. ProStart Program)



CULINARY ARTS develops cooking skills through actual work experience using standardized recipes. Students are prepared to learn basic and advanced techniques of food preparation, along with the related safety, nutrition and sanitation requirements of New York State for restaurants, cafeterias and hospitals.

Work Environment

Cooks/Chefs must be able to stand for long hours. Peaks of high production are demanded both daily and seasonally, depending on job location.

Career Opportunities

Baker's Apprentice
Nutritionist
Chef
Cook
Food Stylist
Counterperson
Dishwasher
Host/Hostess
Fry Cook
Line Cook
Pantry Cook
Prep Cook
Restaurant Owner/Manager
Sauté Cook
Short Order Cook
Sous Chef
Garde Manger Cook
Waiter/Waitress

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass a national certification exam: National Occupational Competency Testing Exam (NOCTI) - ACF Certification Culinary Arts.

Advanced Standing Available*

Culinary Institute of America
Five Towns College
Johnson & Wales University
Lincoln Culinary Institute
Monroe College
Nassau Community College
New York Institute of Technology
SUNY Cobleskill
SUNY Delhi

Students who earn the ProStart National Certificate of Achievement (COA) should download the National ProStart Collegiate Passport for information about 60+ post-secondary schools that offer college credit &/or scholarships.
https://chooseresaurants.org/NationalRestaurantAssociation/media/NRAEF/Donors/ProStart_Passport_2017.pdf

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Kitchen Safety and Sanitation
- Stocks, Soups, Sauces
- Cooking Methodology
- Baking & Pastry Arts
- Meat & Poultry ID
- Fish & Shellfish ID
- Dining Room Service
- Pasta, Grains and Starch Cooking
- Salad, Appetizer and
- Hors d'oeuvres Preparation
- Regional American Cuisine
- International Cuisine
- Food Plate Presentation & Styling
- Breakfast Cooking
- Garde Manager
- Nutritional Cooking



Early Childhood Education

Approved by New York State Education Department (NYSED)



EARLY CHILDHOOD EDUCATION helps prepare students for entry-level employment in early childhood programs and continuation in post-secondary institutions. The course combines classwork and discussion on the development and behavior of young children with actual work experience in our Learning Laboratory Preschool and at offsite school internships. Tasks include: guidance of children, lesson planning, weekly textbook assignments that require strength in English Language Arts and observation of children. Students are offered CPR Training In the Second year of the program.

Work Environment

Upon completion of the Early Childhood Education Program, students can pursue employment at public or private schools and Early Childhood centers. Many students continue their education after Tech at both two and four year colleges.

Career Opportunities

Teacher Aides/Assistants at:
Child Care Centers
Elementary Schools
Nursery Schools
Special Education Schools
Before/After School Programs
Recreation Programs

Advanced Standing Available*

Five Towns College
Herkimer Community College
Monroe College
Nassau Community College
SUNY Canton
SUNY Cobleskill

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Art, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Early Childhood Education and Care Exam.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.
For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Practical experience in the on-site Learning Laboratory Preschool.
- Internship experience in child care centers, primary schools, including working with the child with special needs
- Study of infants, toddlers, preschoolers, school age children and children with special needs.
- Study of areas of development: intellectual, physical, social, emotional and creative.
- Planning and guiding age appropriate activities including: literacy language arts, music, circle time, art, food experiences and games
- Child Nutrition
- Observation Techniques
- Theories of Child Development
- Employability Skills
- Health & Safety
- Guidance & Behavior Techniques



Esthetics

Approved by New York State Education Department (NYSED)



ESTHETICS is an appearance enhancement specialty in the field of skincare and make-up which requires a separate NYS license in Esthetics. This course introduces and develops the skills and knowledge required in order to successfully prepare for the NYS State Board Esthetics licensing examination.

Work Environment

The ability to deal one on one with clients, the integration of commencement level math, reading, writing and communication skill, attention to personal appearance and hygiene, and the development of responsible attributes that are essential for Estheticians.

Career Opportunities

Spa Salon Employee
Skin Care Specialist
Wax Technician
Laser Hair Technician
Receptionist
Spa Salon Owner/Manager
Makeup Artist
Marketing and Merchandising Specialist
Aroma Therapy Specialist
Advanced Esthetics Technician
Product Distributor
Specialist/Trainer
Eye Lash Extension Technician

Advanced Standing Available*

Five Towns College

*Advanced Standing may be available to those who successfully complete this Tech course. See Articulation Agreements in Handbook.

Student Supplies

1st Year Students

Uniform consisting of white cotton/polyester blend uniform top and pants. White professional-style leather low heel, closed toe shoes with appropriate hose.

2nd Year Students

Uniforms consisting of blush color cotton/polyester blend uniform top and pants. White professional-style leather low heel, closed toe shoes with appropriate hose.

Licensing Requirements

All students successfully completing this program (Two year, 600 hours) will be eligible to sit for the NYS Licensing Examination in Esthetics. In addition to training in various specialty services within the Esthetics field.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

Average Annual Wage

Salaries are subject to market fluctuations. For the most current updates on local and national wages go to job search engines on the internet and www.careerzone.ny.gov

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be Regents eligible, and pass the following national certification exam: New York State Esthetics License

Course Outline

- Professionalism
- Bacteriology
- Safety/Infection Control
- Decontamination
- Make-up
- Post Mortem Makeup
- Skin care, Analysis and Disorders
- Facial Treatments
- Back Treatments
- Superfluous hair removal
- Cells, Anatomy and Physiology
- Chemistry as applied to Esthetics
- Electricity/Light Therapy
- Spa Salon Business Skills
- Career Skills
- Aromatherapy
- Laser Hair Removal
- Microblading
- Microneedling
- Microdermabrasion
- Eye Lash Extension
- Nutrition



Fashion Merchandising/Design

Approved by New York State Education Department (NYSED)



FASHION MERCHANDISING/DESIGN helps to develop the skills and knowledge necessary to enter the fashion merchandising/design industry. Training emphasizes both the theory of fashion and practical applications such as pattern design and clothing construction and prepares the student for the business of fashion in retailing, human relations and store management.

Work Environment

Fashion Merchandising/ Design involves planning ways to sell the right merchandise to customers at the right price, at the right time, in the right place, and in the right amounts. In this field, you work with displays, computers, fabrics, models, patterns, and machinery. There is ample opportunity for creativity and self-expression. Success requires a reasonable mixture of manipulative and cognitive skills in display techniques, clothing construction, designing, sketching, buying, and selling.

Graduates work in retail organizations and wholesale showrooms as sales associates where the atmosphere may be very busy. There can be high production quotas as well as deadlines to be met. Jobs can be very “fast track” and challenging. College graduates work as wholesale buyers and managers or as designers in textiles or clothing.

Field visits include: Fashion Institute of Technology, Nassau Community College and a garment factory.

Career Opportunities

Business Owner
Buyer
Designer
Fashion Coordinator
Fashion Forecasting
Fashion Illustrator
Fashion Stylist
Interior Decorating
Modeling
Sales Executive

Advanced Standing Available*

Fashion Institute of Design and Merchandising
Five Towns College
Laboratory Institute of Merchandising (LIM)

Nassau Community College
Dual enrollment - Long Island University, CW Post

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Testing Exam (NOCTI) - Apparel and Textile Production and Merchandising.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Fashion History
- Design
- Patternmaking
- Fabric Science
- Clothing Construction
- Draping
- Industrial Power Machines
- Visual Merchandising
- Fashion Illustration
- Fashion Show Producing and Participating
- Interior Design
- Retail Math
- Fashion Buying
- Retail Merchandising
- Textile Fabrics and Finishes
- Textile and Apparel Careers



Veterinary Medical Assisting

Member of the New York Association of Agricultural Educators (NYAAE)



VETERINARY MEDICAL ASSISTING is an important part of the veterinary health care team in clinics, zoos, pet shops and research facilities. Students work with a large variety of animals such as dogs, cats, rodents, birds/poultry, farm animals, and reptiles. General care and feeding of various species as well as tasks the veterinary assistant performs are under the guidance of a veterinary technician or veterinarian. Tasks include: animal feeding, basic animal grooming, animal nursing, common office/clinic procedures, client education, exam room procedures, surgical and diagnostic lab procedures, maintenance of animal/medical records on computers and other skills as recommended by the National Association of Veterinary Technicians in America. Day students will participate in a vaccination clinic onsite at the Huntington Campus. Students may receive certificates in kennel maintenance, shelter worker, veterinary foundations and bite safety.

Work Environment

Veterinary Assistants have a wide range of employment opportunities in animal clinics, veterinarian's offices, pet stores, laboratories, pet grooming shops, animal shelters, zoos, and preserves.

Career Opportunities

Veterinary Assistant
Lab Animal Technician
Grooming Assistant
Pet Shop employee
Animal Caretaker
Field Biologists Assistant
Zookeeper

Advanced Standing Available*

Alfred State
Five Towns College
SUNY Cobleskill

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Occupational Competency Institute (NOCTI) - NYS Small Animal Science Assessment Exam.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Helpful Preparatory Courses

- Biology with lab
- Chemistry with lab
- Algebra 1

Course Outline:

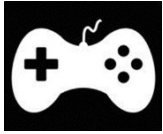
- Individual Animal Care & Handling Bio-profiles
- Basics in Grooming
- Office, Hospital & Kennel Maintenance Procedures
- Small Animal Nursing & Pharmacology
- Client Communication/Medical Record Keeping
- Exam and Treatment Room Procedures
- Surgical Preparation and Assisting
- Laboratory Procedures
- Animal Disease & Health Maintenance
- Diagnostic Imaging Assisting

Career Majors in Technical Occupations

Computer Game Design (CTB)

Computer Networking

Electronics/Robotics/Computer Repair



Computer Game Design (CTB)

Certiport Authorized Testing Center



COMPUTER GAME DESIGN (Computer Technology for Business) blends an engaging, learning environment with core content. Each student will discover his/her strengths within the gaming, creative arts and programming industry. Students will be immersed in a simulated design studio team setting where they will develop the skills needed in the areas of personal/professional interaction, team building and technology skills. They will design and build video games using industry standard software and standard business applications.

Work Environment

Individuals who work in the Computer Game Design field create and develop video games for the popular gaming industry. In addition to technical skills, individuals need to employ teamwork and communication with others. Individuals may work in an office setting working approximately 40 hours a week.

Career Opportunities

Game Designer
Computer Programming
Graphic Arts
2D/3D Modeler
Artist
Music & Sound Designer
Coding
Entrepreneur
Event Planning
Sales
Office Worker

Advanced Standing Available*

Five Towns College
Monroe College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Eco, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible and pass the following exam: Microsoft Office Specialist Exam (MOS)

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Plan and manage a computer design project
- Develop computer art (2D & 3D) and animations
- Understand computer programming
- Create story boards and character maps
- Design and build video games
- Employ strategies and tactics in a virtual world
- Create marketing plans
- Implement computer programming
- Professional communication
- Utilization of Microsoft Word, Excel and PowerPoint
- App design and planning



Computer Networking

CompTIA Academy Partner Program



COMPUTER NETWORKING consists of instruction in operating systems and networking. This class will provide opportunities for students to test, troubleshoot, and install computer equipment and networks. Instruction will be provided in upgrading computer hardware and installing software in preparation to enter this expanding technical field. Students taking this advanced 2nd year class are provided a foundation in Electronics/Robotics/Computer Repair during their 1st year at Tech.

Pre-requisite

Students must successfully complete the Electronics/ Robotics/ Computer Repair program during their junior year.

Work Environment

This is a service-related job in which technicians troubleshoot, install and configure network devices in homes, industrial sites or offices. A workweek will vary from 37 hours to 40 hours and is generally performed during a daytime shift. Technicians may be required to travel.

Career Opportunities

Junior Network Administrator
Network Field Technician
Network Technician

Advanced Standing Available*

Five Towns College
Island Drafting and Technical Institute
Monroe College
SUNY Canton

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: CompTIA Network+ Certification Exam.

Student Supplies

No additional supplies are needed for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Introduction to Networking
- Networking Fundamentals
- Networking Media
- Cabling LAN and WAN
- IP Addressing
- Routing Fundamentals and Subnetting
- Routing and Protocols
- Access Control Lists
- Switching Concepts
- Switches
- Switches Configuration
- Virtual LANS
- VLAN Trunking Protocol
- Scaling IP Addresses
- WAN Technologies
- VOIP – Voice Over IP
- Introduction to Network Administration
- Network+ Certification



Electronics/Robotics/Computer Repair

ELECTRONICS/ROBOTICS/COMPUTER REPAIR program consists of a first year of instruction and practice in basic electronic theory with emphasis on circuit analysis and construction. Students will be provided with opportunities to learn electronic principles through theoretical class discussions coupled with experimentation and computer-aided instruction. Students will be introduced to Robotic Concepts and Kit Building. After the 1st year of instruction, students who successfully pass this class may advance to the 2nd year of Computer Networking.

Work Environment

Electronic Technicians design, fabricate, experiment and test a variety of circuits utilizing electronic instruments. Computer Repair Technicians troubleshoot and repair computer equipment at homes, industrial sites or offices.

Career Opportunities

Computer Repair Technicians
Computer Equipment Repairperson
Engineering Assistant
Field Technician
Communication Technician
Electrical Assembler
Electronic Field Technician
Electronics Marketing
Engineer Design Assistant
Inspector

Advanced Standing Available*

Upon successful completion of Computer Networking

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Helpful Preparatory Courses

- Math
- Science

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Introductory Electronics
- Digital Electronics Concepts
- Computer Software Application
- Network Cabling
- Troubleshooting and Diagnosis
- Computer Components/ Installation
- Computer Peripherals
- Introduction to Robotics
- Routers and Switching Devices
- Introduction to Computer Networks
- Test Equipment
- Power Supplies
- Solid State Circuits
- Transmitters/ Receivers
- Audio Amplification
- Digital Concepts and Circuits
- Digital Test Equipment
- Computer Hardware Upgrades
- Computer Software
- Solar Panel Electronic Systems

Career Majors in Transportation Occupations

Aircraft/Drone Technology

Auto Body Repair

Automotive Technology

Aviation Science/Flight



Aircraft/Drone Technology

FAR approved to operate as a part 147 school, Member of Aviation Technical Education Council, and Member of Council of Airline Maintenance Managers



AIRCRAFT/DRONE TECHNOLOGY provides both the hands-on experience and the related knowledge to service, repair and overhaul reciprocating and turbine engines and components, powerplant control systems, instrumentation, induction and exhaust systems. Students will work toward the Powerplant license by studying under regulations of the Federal Aviation Administration (FAA). Drone Technology will be incorporated into this program as the aviation industry has a high demand for skilled workers. Focus is on training students toward FAA Part 107 Drone Pilot Certification by the completion of the 1st year of instruction.

Work Environment

Students will practice skills in Drone Flying Operations, powerplant overhaul, working under very rigid procedures and the close supervision of inspectors. Students will observe strict federal safety rules and regulations.

Career Opportunities

Accident Investigator
Aviation Lawyer
Aircraft Manufacturer
Powerplant Technician
Engineering Technician
FAA Airworthiness Inspector
Military Crew Chief
Repair Station Repairman
Security Specialist
Transportation
Aerial Film Production
Field Survey Technician
Drone Pilot
Law Enforcement Surveillance

Advanced Standing Available*

Embry Riddle Aeronautical University
Five Towns College
Mohawk Community College
Vaughn College of Aeronautics
Check with the Aviation Technical Education Council. Further information on post-secondary schools may be provided at: www.atecamt.org/schoolsmembers.htm/

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Post-Secondary Opportunities

Upon successful completion of the Aircraft/Drone Technology Program and enrollment in a college or university, students can be granted up to 64 credits because of Federal License Regulations. Wilson Tech has Articulation Agreements offering advanced standing with many post-secondary institutions that offer degrees in Aviation Technology and Aeronautical Science.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Federal Aviation Administration (FAA) Powerplant Qualification Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.
For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Federal Aircraft Safety Procedures
- Powerplant Electrical Systems
- Reciprocating and Turbine Engine Repair and Overhaul
- Powerplant Inspection and Operation
- Powerplant Systems and Components
- Propulsion Theory
- US Airspace Restrictions and Regulations
- Aviation Weather Applications
- FAA Drone Requirements

*Note: Students have the option of enrolling into the Adult Aviation Maintenance Technology program for an additional three semesters in order to obtain their FAA- Airframe Certification. In order to meet FAA licensure, students must have no more than 10 absences per academic year.



Auto Body Repair

National Automotive Technical Education Foundation (NATEF) Approved



AUTO BODY REPAIR provides instruction in basic and advanced auto body repair, with as much emphasis on theory as practical applications. Using up-to-date equipment, students explore the use of auto body plastics, specialized tools, and spray painting; develop the mechanical ability to restore damaged vehicles to their original condition; and how to estimate jobs.

Work Environment

Auto body shops are noisy and dusty by nature where strict safety rules must be followed for welding, metal straightening, painting and replacing auto glass. Protective goggles, work shoes, ear protection, masks and work clothing are required.

Career Opportunities

Automotive Detailing
Fiberglass Body Repairperson
Frame Alignment and Unitized Body Tech.
Heavy Collisionperson
Insurance Adjuster
Masker/Helper
Parts Counterperson
Repair Shop Owner
Shop Foreperson and Service Manager
Spray Painter (custom painting)

Advanced Standing Available*

Alfred State
Five Towns College
Lincoln Technical Institute
Morrisville State College
New York Automotive & Diesel Institute
Ohio Technical College
Wilson Tech Automotive Technology Adult Program

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Automobile Service Excellence (ASE) Student Certification.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.
For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Paint mixing, Color matching
- Shop and Field Safety Procedures
- Power Tools
- Frame Straightening/Unibody Repair & Terminology
- Auto Body Plastics and Fiberglass
- Compounding and Polishing
- Hand Tools
- MIG Welding and Equipment
- Metal Stretching & Shrinking
- Painting-Spot Repair and Overall Refinishing
- Glass Replacement
- Estimating
- Automotive Detailing



Automotive Technology

Automobile Service Excellence (ASE) Student Certification Approved



AUTOMOTIVE TECHNOLOGY provides the theory and skills needed for light and heavy duty repairs to the automobile engine, transmission, chassis and suspension system. Students use up-to-date test equipment to precisely diagnose today's sophisticated automobiles. This is an Automobile Service Excellence (ASE) student certified training program.

Work Environment

The auto technician may work in service stations, small repair shops or new car dealerships to maintain, troubleshoot and repair the various automotive systems. The number of employees may vary from two to 20. The work week may vary from 40–50 hours. The work is primarily indoors; however, there is a percentage of on-the-road work.

AYES Program

The Wilson Tech Automotive Technology program has met the requirements to participate in the Automotive Youth Educational Systems (AYES) program. In conjunction with local dealerships, students can participate in job shadowing, mentoring, and paid work study experience. Through the AYES program many of our students, both from the Northport and Dix Hills campuses are employed at dealerships such as: Huntington Honda, Habberstad BMW, Huntington Audi, and Babylon Honda to name a few.

Career Opportunities

Automotive Technician
Business Owner
Parts Department
Service Manager
Service Writer
Shop Supervisor
Specialized Auto Repairperson

Advanced Standing Available*

Alfred State College
Five Towns College
Lincoln Technical Institute
Morrisville State College
New England Institute of Technology
New York Automotive & Diesel Institute
Ohio Technical College
SUNY Canton
SUNY Delhi
Universal Technical Institute
Dual Enrollment: Suffolk County Community College

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Automobile Service Excellence Student Certification.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- ASE Education Foundation Certified Modules:
- Brakes, Suspension & Steering, Electrical, Automatic Trans/Trans Axle, Manual Trans/Trans Axle, Engine Performance, Heating/Ventilation/AC, Engine Mechanical
- Lubrication
- Exhaust System Repair
- Front-End
- Engine Overhaul
- Alternator Service
- Electronic Test Equipment
- Tire Repair
- Brakes
- Alignment and Repairs
- Engine Tune-up
- Clutch Repairs
- Transmission Service/Repair
- Air-Conditioning Service
- Fuel Injection
- Computerized Controls



Aviation Science/Flight

Approved by New York State Education Department (NYSED)



AVIATION SCIENCE/FLIGHT course provides the skills and related flight background required by the aviation industry. Students will receive ground school and flight instruction in a single engine training aircraft. All flight time earned will be recorded in student logbooks, and can be credited toward pilot certification. Students will also use computers with flight training simulator programs and graphics as well as academic software to cover aviation science areas and FAA exam material.

Work Environment

The professional pilot may work in several environments: commercial airlines utilizing large jets, regional airlines with smaller jets or turboprop airplanes, the military or private businesses. Other positions may be in air traffic control, airport management, air carrier operations, or related governmental positions.

Career Opportunities

Air Traffic Controller
Airport Management
Aviation Sales
Aviation Law
Dispatcher
Flight Instructor
FAA Flight Service Specialist
Ground Instructor
Passenger Agent
Pilot (Airlines, Corporate, General)
Tower Operations

Advanced Standing Available*

Colorado Northwestern Community College
Embry Riddle Aeronautical University
SUNY Farmingdale
Vaughn College of Aeronautics

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: Federal Aviation Administration (FAA) Private Pilot Written Knowledge Exam (PPWKE).

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Aviation History
- Airplanes and Aerodynamics, Aircraft Safety
- Airplane Instruments, Engine and Systems
- Airports, Air Traffic Control and Airspace
- Federal Aviation Regulations
- Airplane Performance and Weight and Balance
- Aeromedical Factors and Aeronautical Decision Making
- Aviation Weather and Weather Services
- Navigation, Charts, Publications, Flight Computers
- Navigation Systems
- Cross-Country Flight Planning
- Preparation for actual FAA Exams

CTE Skill Programs and Overview

Auto Technology Skills

Computer & Business Skills

Construction Skills

Cosmetology Skills

Culinary Skills

Electronic/Robotic Skills

Graphic Art Skills

Health Care/Medical Assisting Skills

Small Animal Care Skills

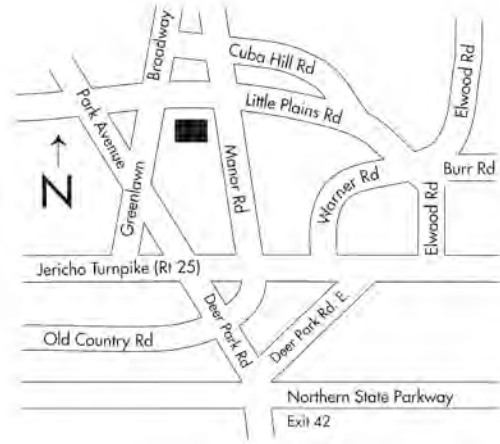
Program Site

Huntington Campus

631-754-2900, Fax 631-623-4909
Karen Bowden, Principal

AM/PM Sessions

AM Session: 7:55 AM to 10:40 AM
PM Session: 11:40 AM to 2:25 PM



GCTE designation enables students with special needs (ages 16-21), who would otherwise have difficulty in meeting the goals of the program, receive additional support services. This includes classified students within CTE Programs and CTE Skills Programs. Students, referred to the program by their local school districts, spend one-half day at their home high school and one-half day at a Tech campus.

Secondary CTE Skill Programs

CTE SKILL PROGRAMS follow the same curriculum as their respective CTE Program counter-parts, except at a moderate pace, in a smaller setting with extra support. Students will receive preparation for entry-level employment and/ or post-secondary education and are expected to function autonomously. Transfer into more advanced programs (CTE Programs) is contingent upon a student's success.

Employability Profiles will be utilized to evaluate students' universal foundation skills and work-based technical skills.

Districts may utilize the Employability Profile as part of the criteria to meet the Career Development and Occupational Studies (CDOS) Credentials and the CDOS Multiple Pathway option.

Our Career Assessment center, located at Wilson Tech's Huntington campus, evaluates students' career and academic strengths and weaknesses. The Career Scope is utilized as a Level 2 Assessment. A summary is derived from the students' responses and a list of appropriate career choices is presented.

The following Secondary CTE Skill Programs are available:

- | | |
|------------------------------|---------------------------------|
| - Auto Technology Skills | - Electronic/Robotic Skills |
| - Computer & Business Skills | - Graphic Art Skills |
| - Construction Skills | - Health Care/Med. Asst. Skills |
| - Cosmetology Skills | - Small Animal Care Skills |
| - Culinary Skills | |

Level 1, 2, 3 Assessment

Level 1, 2, 3, Assessments correspond to a sequential process that may be utilized in a student's appropriate placement in a career and technical education program and transition planning.

Level 1 Assessment

The Level 1 Assessment, completed by the school district, provides pertinent information as to demographics, diploma status, academic achievement and career goals of incoming GCTE students. The Level 1 Assessment initializes the sequential process and is the precursor to the Level 2 Assessment.

Level 2 Assessment

Wilson Tech utilizes the CareerScope as their Level 2 Assessment. The CareerScope is a vocational assessment that summarizes a GCTE student's interests and aptitudes. It is generally requested by participating schools within the Western Suffolk area to assist classified students with the selection of a career pathway choice.

Written evaluations are provided to the schools with summaries of specific programs and options at Wilson Tech. CareerScope Assessments are administered at local high schools. Arrangements can be made for individuals to be assessed by calling the Huntington Campus at 631-754-2900.

Level 3 Assessment

A Level 3 Assessment can be initiated by a staff member at Wilson Tech or requested by the home school. It is an overview of the student's progress in a Tech program and utilized to determine the appropriateness of the student's placement. When the Level 3 Assessment has been completed the parent/guardian, representatives from the home school and Wilson Tech staff decide upon possible interventions within the classroom or exploration of another Tech program.

CareerScope[®] Assessment Profile

The U.S. Department of Labor has sorted occupations into twelve broad interest areas. The *CareerScope* Interest Inventory contains items that describe work activities from these Interest Areas. The table below explains the Interest Areas and lists some of the fastest-growing occupations within each area.

<u>Interest Area</u>	<u>Definition</u>	<u>Occupational Examples</u>
01 Artistic	An interest in creative expression of feeling or ideas through literary arts, visual arts, performing arts, or crafts.	Writer, Painter, Actor, Editor, Dancer, Singer, Graphic Designer, Set Decorator
02 Scientific	An interest in discovering, collecting, and analyzing information about the natural world and applying scientific research findings to problems in medicine, the life sciences, and the natural sciences.	Physician, Audiologist, Pharmacist, Biologist, Speech Pathologist, Laboratory Technician
03 Plants & Animals	An interest in activities involving plants and animals, usually in an outdoor setting.	Gardener, Farmer, Landscaper, Forester, Animal Caretaker
04 Protective	An interest in using authority to protect people and property.	Police Officer, Firefighter, Security Guard, Bodyguard, Park Ranger, Prison Guard
05 Mechanical	An interest in applying mechanical principles to practical situations using machines, hand-tools, or techniques to produce, build, or repair things.	Electrical Engineer, Architect, Carpenter, Chef, Mechanic, Ambulance Driver, Project Engineer
06 Industrial	An interest in repetitive, concrete, organized activities in a factory setting.	Machinist, Assembler, Baker, Welder, Laborer
07 Business Detail	An interest in organized, clearly defined activities requiring accuracy and attention to details, primarily in an office setting.	Medical Records Technician, Bill Collector, Secretary, Receptionist, Customer Service Representative
08 Selling	An interest in bringing others to a point of view by personal persuasion, using sales and promotional techniques.	Sales Representative, Stadium Vendor, Clothing Salesperson, Telephone Solicitor, Financial Planner, Travel Agent
09 Accommodating	An interest in catering to the wishes and needs of others, usually on a one-to-one basis, through hospitality and service work.	Manicurist, Restaurant Host, Waiter/Waitress, Personal Shopper, Flight Attendant
10 Humanitarian	An interest in helping individuals with their mental, social, spiritual, physical and vocational concerns, through medical or social services, therapy, or nursing.	Home Care Aide, Physical Therapist, Nurse, Medical Assistant, Child Care Worker, Dental Hygienist, Counselor, Probation Officer
11 Leading-Influencing	An interest in leading and influencing others by using high-level verbal or numerical abilities in business, education, research, or management positions.	Database Administrator, Paralegal, Teacher, Computer Engineer, Lawyer, Stock Broker, Computer Programmer
12 Physical Performing	An interest in physical activities performed before an audience, such as sports or daring physical feats.	Athlete, Coach, Movie Stunt Performer, Juggler, Sports Instructor

CareerScope[®] Assessment Profile

Different combinations of aptitudes are important for different occupations. The table below lists the aptitudes that are measured by CareerScope, and provides general examples and specific job tasks that require these aptitudes.

Aptitude	Definition	Specific Job Tasks	CareerScope Tasks
General Learning (G)	The ability to "catch on" or understand instructions and underlying principles; ability to reason and make judgements. Closely related to doing well in school. <u>Examples</u> Use logic or scientific facts to define problems and draw conclusions; make decisions and judgements; plan and supervise the work of others.	Diagnose and treat illnesses or injuries; use facts to solve a crime; plan the layout of a computer network; inspect and test engine parts.	Pattern Visualization, Numerical Reasoning, Word Meanings
Verbal Aptitude (V)	The ability to understand the meaning of words and to use them effectively; ability to comprehend language, to understand relationships between words, and to understand the meanings of whole sentences and paragraphs. <u>Examples</u> Understand oral or written instructions or guidelines; understand and use training materials; use work-related reference materials.	Write a novel; interview guests on a radio talk show; edit newspaper articles for publication; write captions for magazine photos; take notes during class.	Word Meanings
Numerical Aptitude (N)	The ability to perform arithmetic operations quickly and accurately. <u>Examples</u> Make accurate numeric measurements; make change from currency; lay out geometric patterns.	Analyze statistical data; develop budgets for an organization; measure wall openings to fit and install windows; add lists of numbers.	Computation, Numerical Reasoning
Spatial Aptitude (S)	The ability to think visually of geometric forms and to comprehend the two-dimensional representation of three-dimensional objects; ability to recognize the relationships resulting from the movement of objects in space. <u>Examples</u> Lay out or position objects; observe and comprehend the movements of objects; understand the effects of physical stresses on objects.	Design layouts for new highway systems; create diagrams of wiring systems in buildings; use patterns to make clothing; operate a forklift; use a floor plan to find an office.	Pattern Visualization
Form Perception (P)	The ability to perceive detail in objects or in pictorial or graphic material; ability to make visual comparisons and discriminations and see slight differences in shapes and shadings of figures and widths and lengths of lines. <u>Examples</u> Inspect objects for flaws or scratches; determine whether patterns are the same; observe color, texture, and size of objects.	Examine and compare cells under a microscope; check temperature gauges on machinery; inspect parts on an assembly line; sort merchandise by size.	Object Identification, Abstract Shape Matching
Clerical Perception (Q)	The ability to perceive pertinent detail in verbal or tabular material; ability to observe differences in copy, to proofread words and numbers, and to avoid perceptual errors in arithmetic computation. <u>Examples</u> Check work orders and specifications for errors.	Proofread manuscripts for typographical errors; keep inventory records; sort mail according to zip code; operate a cash register.	Clerical Matching
Motor Coordination (K)	The ability to coordinate eyes and hands or fingers rapidly and accurately in making precise movements with speed. <u>Examples</u> Guide objects into position; make quick and accurate movements.	Add objects to a moving assembly belt; distribute handbills to passers-by.	CareerScope does not directly measure these aptitudes. However, based upon your use of the computer mouse, it is assumed that your scores are at least average. Your counselor may choose to directly assess these aptitudes and report your actual scores.
Finger Dexterity (F)	The ability to move the fingers and manipulate small objects with the fingers rapidly or accurately. <u>Examples</u> Grasp and manipulate small objects; make fine adjustments to machinery; play a musical instrument.	Repair a watch; play the piano; replace eyeglass screws; put coins in a parking meter.	
Manual Dexterity (M)	The ability to move the hands easily and skillfully; ability to work with the hands in placing and turning motions. <u>Examples</u> Move, stack, turn, or place objects; make coordinated movements of the arms and hands.	Stack bricks to construct a wall; pack oranges into crates; position dolls in a toy store window display.	



Auto Technology Skills

AUTO TECHNOLOGY SKILLS provides students with the opportunity to understand the workings of the automobile. Students are trained in the maintenance, troubleshooting and repair of various automotive systems.

Work Environment

Auto Technicians may work in service stations, small repair shops or car dealerships. The number of employees may vary from 2 to 20. The work week may vary from 40 to 60 hours, including weekends. The work is primarily indoors, however, there is a percentage of on-the-road work.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Job Opportunities

Service Consultant, Service Dispatcher, Service Manager, Parts Manager, Automotive Salesperson, Automotive Engineer, Tire Technician, Lube Technician, Automotive Technician

Academic Credits Integrated:

Tech Math, Tech Phys Sci., Eng 12, CFM, Comp App

Course Outline

- Automotive safety, hazards, reference and tools
- Welding and oxy-acetylene torch use
- Basic engine maintenance
- Basic electrical/electronic maintenance
- Engine performance and Tune-Up maintenance
- Automotive manual transmission maintenance
- Brake system service
- Suspension and Steering service
- N.Y.S Inspection, Hybrid vehicles and HVAC



Computer & Business Skills

Certiport Authorized Testing Center

COMPUTER & BUSINESS SKILLS will provide students with the opportunity to immerse themselves into a virtual work environment. This program will explore, simulate and analyze the different skills necessary for a business to be successful. Students will actually visit other businesses (Tech programs) in order to discover business needs and, at a basic level, apply organizational strategies to the "businesses" explored. Students will have the opportunity to experience working for both service and product-focused businesses. In addition, students will be provided with instruction in basic money management on a personal and business level. Opportunities will be available for students to work together as entrepreneurs and provide the school with a service or product for their enjoyment.

Work Environment

Today, most large and small companies require their employees to have skills in using personal computers and to have an understanding of business applications. Workspaces are usually located in well-lighted, comfortable areas. Workers will be expected to participate in group projects as well as work individually.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Eco, CFM, Comp App

Job Opportunities

Office Clerk, Data Entry Worker, Civil Service Employee, Receptionist

Course Outline:

- Advertising
- Basic Record Keeping
- Co-Worker Collaborations
- Customer Service
- Data Entry
- Entrepreneurship

Course Outline: (Con't)

- Interpersonal/Communication Skills
- Job Interview Skills
- Microsoft Office Instruction
- Google Classroom (Docs, Sheets, Slides, and Classroom)
- Office Routines
- Paychecks
- Resume Development
- Telephone Skills
- Using/Creating forms
- Typing
- Workplace Professionalism



Construction Skills

CONSTRUCTION SKILLS assists students in developing skills to perform carpentry construction. Students will be taught how to construct a wood frame building from the foundation to the roof, incorporating the trades in carpentry, siding, drywall, ceramic tiling and roofing. In addition, students will be introduced to a various skills in electrical, plumbing, painting and building maintenance. All projects will be created in our fully equipped wood shop. Projects such as tables, stools, lamps, planters and birdhouses may be brought home at completion.

Work Environment

Individuals who work in the construction field may work in areas such as: Cabinetmakers, Drywall, Electrical, Plumbing, Mason Assistants and Carpenters and Building Maintenance. All jobs require individuals to follow safety requirements.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Art, CFM, Comp App

Job Opportunities

Carpenters Helper, Plumbers Helper, Home Remodel Contractor, Helper, Landscape Worker, Cabinet Shop Worker, Builder's Helper, Mason's Helper, Electrician's Helper

Course Outline

- Safety Procedures
- Hand Tools
- Power Tools
- Stationary Power Tools
- Measurements
- Painting Materials and Techniques
- Basic Electric
- Basic Plumbing
- Building Maintenance Skills
- CNC Woodworking Equipment
- Home Automation Devices
- Rough Framing
- Fine Carpentry



Cosmetology Skills

COSMETOLOGY SKILLS will provide students with an introduction to the appearance enhancement industry. Students will have the opportunity to learn and practice basic hands-on skills in hair, nail, skin and make-up.

Work Environment

Individuals working in the appearance enhancement industry have direct contact with the public. Strong interpersonal and communication skills are necessary. Special attention in the areas of personal appearance and hygiene is essential.

Student Supplies

Additional supplies will need to be purchased for this program.

Job Opportunities

Cosmetology Retailer, Salon Receptionist, Salon Shampoo Assistant, Salon Manicurist, Salon Facial Esthetician, Product Distributor, Product Demonstrator, Salon Stylist/Operator, Pedicurist, Colorist, Cosmetology Platform Artist, Salon Manager

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Art, CFM, Comp App

Course Outline:

- Orientation
- Safety
- Professional Development
- Basic Hair Care
- Nail Care
- Skin Care
- Make-up Techniques and Application
- Customer Service
- Salon Product Knowledge



Culinary Skills

The CULINARY SKILLS program provides students with knowledge and actual work experience to develop cooking skills. Using standardized recipes, students are provided with opportunities to learn all basic techniques in food preparation along with the related safety, nutrition and sanitation requirements of New York State restaurants, cafeterias and hospitals.

Work Environment

Personnel in the Food Service industry must be able to stand for long hours, have good manual dexterity, work in a hot kitchen, safely work with sharp knives & gas burner flames and have basic knowledge of fractions. Peaks of high production are demanded both daily and seasonally, depending on job location.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, Art, CFM, Comp App

Job Opportunities

Bus Person, Prep Cook, Steward, Dish Washer, Garde Manager, Line Cook, Fast Food Cook, Catering Cook, Baking/Pastry Assistant, Barista

Course Outline:

- Storage and Cleaning of Supplies/Kitchen
- Dining Room Service
- Food Preparation
- Baking Techniques
- Cooking Skills
- Cooking Techniques
- Pantry Person Skills
- Catering



Electronic/Robotic Skills

ELECTRONIC/ROBOTIC SKILLS will offer instruction and practice in basic electronic theory and circuit construction. Students will be introduced to robotic concepts and kit fabrication. Component identification, circuit construction and hand soldering will be emphasized.

Work Environment

Entry level positions working with electronic components, sub-assemblies and systems require any one or a combination of the following methods: reading work orders, following production drawings, assembly and electronic diagrams and receiving written and verbal instructions regarding work to be done. Electronic workers generally work in an industrial or laboratory setting.

Academic Credits integrated:

Tech Math, Tech Phys Sci., Eng 12, CFM, Comp App

Student Supplies

All necessary equipment will be provided by Wilson Tech

Job Opportunities

Electronic Technician, Robotic Technician, Electronic Operator, PC Board Assembler, Hand Soldering, Wiring, Robotic Maintenance Technician

Course Outline:

- Shop Safety
- Hand and Power Tools
- Soldering/disordering
- Circuit Construction
- Basic D.C circuits
- Electronic Components
- Electronic terms and abbreviations
- Color Codes
- Breadboard Circuits
- Types of Circuits
- Semi-conductor Devices and Technology
- Surface Mount Technology
- Diagrams
- Basic Robotics
- Multi-meters and Test Equipment
- Ohms law - circuit analysis
- Power sources



Graphic Art Skills

GRAPHIC ART SKILLS is an exciting field in the area of computer generated art and design. Students will explore the field of graphic design by participating in real-life hands on design projects. In addition they will develop their design skills by using traditional art media and then transfer that knowledge to industry standard computer design programs. Outcomes include creating flyers, posters, t-shirts, key chains and other novelties on various printing and finishing equipment while learning the basics of art and design.

Work Environment

Individuals employed in the Graphic Arts Industry have many opportunities to gain success in a variety of occupations. Graphic Designers work in advertising agencies, publishing firms and print shops. Industry ready graphic designers should possess creativity, attention to detail, ability to meet deadlines and have knowledge of industry standard design programs.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Academic Credits integrated:

Tech Math, Eng 12, Art, CFM, Comp App

Job Opportunities

Copier, Print Shop Assistant, Photographer, Photoshop Color Corrector, Photo Retoucher, Package Designer, Pre-Press Technician, Pre-Press Proofer, Animator

Course Outline

- Foundations in Art and Design
- Introduction to the History of Graphic Design
- Graphic Design
- Drawing
- Painting
- Color Theory
- Layout
- Typography
- Digital Photography
- Mechanical Preparation and Manipulation
- Poster Designs
- Textile Designs
- T-Shirt Design
- Novelty Designer



Health Care/Medical Assisting Skills

HEALTH CARE/MEDICAL ASSISTING SKILLS students will have the opportunity to learn about health-related topics and practice a variety of basic skills with emphasis on the Medical Assisting profession. Instruction will include safety hazards, first aid, nutrition, client care and hygiene, communication, interpersonal skills, team work, electronic health records, and basic anatomy and physiology. There will be an emphasis on the development of Patient Care Skills in Health Care facilities.

Work Environment

Individuals who work in the healthcare field may assist practitioners, work in health facilities and provide client care.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Academic Credits integrated:

Tech Math, Tech Phys. Sci., Eng 12, Health, CFM, Comp App

Job Opportunities

Candy Striper, Hospital Gift Shop Worker, Sunshine/Hospitality Worker, Cafeteria Worker, Transporter, Housekeeping in Health Care Facility, Receptionist in Health Care Setting, Alternative and Holistic Medicine, Laboratory and Research, Clinical and Therapeutic Services, Unit Clerk, Central Supply Attendant, Pharmacy Runner, Admitting Department, Nursing Home Activity Attendance, Health Coach

Course Outline

- Health and Safety
- Infection Control
- Communication and Interpersonal Skills/Cultural Diversity
- First Aid/CPR
- Basic Anatomy & Physiology
- Electronic Health Records
- Medical Office Management
- Nutrition
- Client Care/Human Needs
- Body Mechanics
- Health Care Facilities
- Computer Skills
- History of Health Care
- Ethical Considerations
- Patient Assessment



Small Animal Care Skills

SMALL ANIMAL CARE SKILLS offers students the opportunity to explore entry level careers in the pet and companion animal industries. Students will be working with a variety of small animals in the learning lab classroom. The curriculum will progress from basic to complex skills associated with entry level careers. Based upon gaining specific skills, second year students will have an opportunity to shadow and explore various work based facilities.

Work Environment

A person who works with small animals will be expected to work in a facility that provides for a variety of different animals. Workers must be able to administer daily animal care, maintain proper animal hygiene and properly handle animals. Animal care workers deal with animals and customers in a professional setting.

Student Supplies

Additional supplies will need to be purchased for this program including a uniform.

Academic Credits integrated:

CFM, Comp App

Job Opportunities

Pet Supply Retail Worker, Animal Shelter Worker, Kennel Attendant, Dog Walker (Private), Dog Sitter (Private), Animal Trainer (in a retail store or private business), Animal Groomer, Animal Caretaker, Animal Hospital Receptionist

Course Outline

- Career building Skills
- Health and Safety of Animals
- Proper Handling of Animals
- Client Communication
- Medical Record Keeping
- Animal Care
- Basic Terminology
- Individual Animal Care
- Animal First Aid
- Proper Usage of Equipment



**Career & Technical Education Office
507 Deer Park Road
Dix Hills, NY 11746**

**Mailing Address
Western Suffolk BOCES – CTE
PO Box 8007
Huntington Station, NY 11746-9007**

**(631) 425-9050
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