

# Tantasqua Regional High School

## Technical Division

### Budget Narrative

#### FY 18

Vocational-technical education is all about providing opportunities and options for students. Our mission is to expose students to both a quality academic education, as well as a technical education delivered in a state-of-the-art facility. Upon graduation students can move directly to the workforce, enroll in a two or four-year college, or into a technical school or apprenticeship program. Students graduate with both a diploma and a trade certificate, including nationally recognized third-party certifications. The programs have expanded over the past several years to nine programs including;

- Computer Aided Design (Architectural and Mechanical Design)
- Information Technology (Networking)
- Culinary Arts
- Health Careers
- Carpentry
- Machine Technology (Manufacturing)
- Electrical Technology
- Business Technology
- Hotel and Restaurant Management

Over the past several years, we have also seen an increase in both interest and participation in the Technical Division. Below is a chart reflecting our enrollment over the past eight years. The increase in enrollment includes an increase in tuition-in student, as well as in-district students.

Enrollment

Program	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Hotel/Restaurant				6	10	16	16	17
Business				3	6	11	20	24
CAD	30	30	31	37	37	46	49	54
Carpentry	36	36	29	33	33	35	39	40
Culinary	28	38	35	36	43	45	37	33
Computer Tech	25	27	32	24	38	40	44	44
Electrical	36	37	42	42	45	53	58	58
Manufacturing	39	36	39	35	42	41	44	42
Health Careers	40	48	55	57	60	63	66	66
Freshmen	116	105	115	132	152	136	142	120
Total	350	357	378	405	466	486	515	498

In addition to the enrollment increase in the Technical Division, academic students also take a variety of Technical Division courses as electives. These courses include; Introduction courses for all program areas, in addition to; Web Collection, Adobe Collection, Architectural Design, and Mechanical Design. For the current school year, a total of 27 elective slots have been scheduled for Academic Division students for the current school year, and this is an increase from previous years.

In addition to delivering the curriculum, in the program areas, teachers also work with students in a variety of ways to give back to the community. Community projects are a win-win situation as it provides students with real life experience and translates into cost savings for the towns. Below is a list of some of the projects completed by the Technical Division over the two and a half years (the list includes both completed projects and anticipated projects for the 2016-2017 school year). In some cases, I have included the cost savings to either the town or the District. One of the bonuses of technical education is the opportunity to give back to our school and communities. Below is a sample of some of the projects completed by our students.

#### Tantasqua Regional School District

- Repair data Wi-Fi drops in High School. Vendor cost \$2,000.00 cost to district \$0
- Install 40 new video surveillance cameras and multiple multiplex units to protect Tantasqua. Vendor cost \$135,600.00 cost to district \$35,000
- Wired 2 new 480 volt 3 phase lathes and Turning Center in Machine Shop. Vendor cost \$3,600.00 cost to district \$0
- Data and piping job at Tantasqua Machine Shop. We have provided a conduit connection between a server in the Machine shop classroom and each of the modern pieces of equipment out in the shop area. The students will be able to control the machines from the classroom to simulate a working environment. Vendor cost \$12,600.00 cost to district \$1,320.00
- Helped with installation of wiring to the Stadium saving the District approximately \$50,000
- Replace TVSS outlets in CAD and Business Classrooms due to a flooding of wax stripper. Vendor cost \$5,600.00 cost to district \$1,200.00
- Ran new WIFI drops for special needs students at Jr. High. Vendor cost \$600.00 cost to district \$0
- Move two smart boards at Brimfield Elementary Vendor cost \$1,800.00 cost to district \$0
- Repair work in the CAD classroom including rewiring CAT 5 computer connections. Vendor cost \$2,000.00 cost to district \$0
- WIFI drops in Rooms 2225 and 4144 of the High School Vendor cost \$1,600.00 cost to district \$0
- Built sets for Anything Goes and Rumors
- New WIFI drop in pool area of High School Vendor cost \$600.00 cost to district \$0
- Move Heater at Jr. High in Pathways room. Vendor cost \$1,500.00 cost to district \$0
- Install new WIFI at the JR. High. Vendor cost \$42,000 Vendor cost to district \$18,500
- Built rolling carts for the band equipment
- Built a new shed for the athletic program
- Built a table and storage cabinet for the Main Office
- Prepared and served the Tantasqua football banquet
- Refreshments supplied to Tantasqua Senior High School's annual Freshmen Recognition Reception
- Prepared and served Sports banquet for Tantasqua Track Team and Basketball Teams

- Dinner buffet served at the Cornerstone Café for Relay for Life.
- Participant at the Ma. Association of School Committee's annual "Day on the Hill" held in Boston at the Ma. State House
- Luncheon served to Tantasqua Senior High School's Science Fair judges.
- Dinner buffet at the Cornerstone for the Tantasqua/Union 61 Mentor Program
- Provided a dinner buffet for at the Cornerstone Café, for Tantasqua Senior High School's annual Out of District presentation.
- Supplied dinner for Class Night presenters.
- Prepared food and refreshments in the Tantasqua Senior High School's library for 40 pp. which hosted a retirement reception for a veteran staff member
- Served a plated banquet at the Tantasqua Senior High School for their annual Honor's Banquet.
- Served a buffet to the Ma. Student Council for 670 pp.
- Thanksgiving buffet supplied to the Central Office.
- Refreshments served to area seniors being interviewed by students for a project for Ms. St. Jean in the English Department.
- Refreshments supplied to the Music Department for a holiday presentation open to the public.
- Luncheon and Dinner for judges and directors for the Show Choir Competition.
- Refreshments supplied to the Tantasqua Junior High School Honors Reception for approx. 500 pp.
- Refreshments supplied to the Tantasqua Senior High School N.H.S. For approx. 200 pp.
- Installed new data connections in classroom 2158 which doubled capacity from 10 to 20.

#### Brimfield

- Install PVC conduit between the Town Hall and the Town Annex for fiber optics. Vendor cost \$1,500.00 cost to Brimfield \$300.00
- Install new WIFI in Brimfield Elementary. Vendor cost \$45,000 Actual \$20,000
- Remount projector in Brimfield Elementary in conference room to look more professional. Vendor cost \$1200 cost to Brimfield \$200
- Install Nutri-Kids system in Brimfield Elementary for Cafeteria Vendor cost \$ 1,500 cost to Brimfield \$200
- Install of new projectors in 7 high school classrooms. Vendor cost \$ 13,650-cost to Brimfield \$8,400
- Prepared a staff luncheon for Brimfield Elementary School

#### Brookfield

- Light up the stone arch entrance and the flag pole at the cemetery with a temporary power line. Vendor cost \$1,500.00 cost to Brookfield \$350.00
- Run a new 120 volt power supply underground to the Cemetery flag pole. Vendor cost \$1600.00 cost to Brookfield \$320.00
- Prepared staff breakfast for Brookfield Elementary
- Install 8 new video surveillance cameras and 1 multiplex unit to protect the Town Hall. Vendor cost \$7,600.00 cost to Brookfield \$1,3000
- New WIFI added in Brookfield Town Hall. Vendor Cost \$20,000 cost to Brookfield \$10,000

#### Holland

- Installed a generator for the town of Holland

- Install of new emergency generator in the Town of Holland Senior Center. This generator will replace the normal incoming power in the event of an emergency. The senior center will be able to function as a place of refuge for the town's senior citizens. (\$5860)
- Installed new outlets at Holland Elementary
- Repair Heater in entry way of Wales Elementary. Vendor \$800 cost to Wales \$400
- Repair outside lighting on entry way of Wales Elementary Vendor \$500 cost to Wales \$300
- Replace the cafeteria lighting in Wales Elementary School with lights from Brookfield Elementary. Vendor cost \$3,200 cost to Wales \$0

### Sturbridge

- Install new data rack at senior center and rerun cables. Vendor cost \$1,200 cost to Sturbridge \$350
- Install new TV wall mount bracket at senior center. Vendor cost \$500 cost to Sturbridge \$150
- Replace gas pump lights at DPW and a fixture at the DPW salt shed with LED fixtures. Vendor cost \$2,600.00 cost to Sturbridge \$1,200.00
- Plated luncheon for served at the Sturbridge Senior Center for belated holiday party
- Electrical students play BINGO with the seniors at the Senior Center
- Served a plated luncheon for Sturbridge Council on Aging's Veteran appreciation.
- Served a plated luncheon for a 90<sup>th</sup> birthday party.

### Community

- Install new lights and repair wiring for elderly resident in Sturbridge Vendor Cost \$ 900.00 cost to owner \$200.00
- Replace all outlets and switches for an elderly woman in Brookfield. Vendor cost \$3,600.00 cost to owner \$1,000
- Replaced roofing at OSV
- Participated in Bay Path Chowder Fest
- Participated in Bay Path Chili Chow Down
- Provided cookies for the TED Foundation Champagne Brunch
- Supplied refreshments, and hot , and cold hors d'oeuvres to the Literacy Volunteer's recognition reception held at the Southbridge Public Library.
- Designed and printed membership cards for Tantasqua Music Association
- Repaired and upgraded computers for residents of the district at no charge.
- Donated 8 refurbished computers to needy families of the district.

We had a very successful Career Day for the grade eight students from the Junior High. Feedback from faculty, staff, and most importantly students was very favorable. The initial reports are that there is a lot of interest in the Technical Division and that many students have already pulled applications. In addition to the students, we had a great night when we presented to the parents. We had several of out-of-district students and their families at the meeting. Since that night we have had several calls from people who were unable to attend that night and we have scheduled tours for them to see the Technical Division. Based on all of this information and consideration of roll over numbers, I anticipate yet another increase in enrollment in the Technical Division that will approach or exceed 500 students.