BROOKLYN TECH PHYSICS
DEPARTMENT OUTWEIGHTS D.O.E.'S
BUDGET CUTS

BY ARTEM OSSHEROV & COURTNEY CHIU
Survey Staff Writers

As anticipated, more of the Depart-
ment of Education's (D.O.E.) budget
cuts have impacted Brooklyn Tech for
the 2009-2010 school year. Overcrowd-
ing has become a huge problem where
a few classes currently have over the
limit of 30 students, which many be-
lieve impacts a student's ability to learn.

The school's Physics & Technology
department, which is headed by As-
sistant Principal Randall Barclay, has
received a heavy deficit this aca-
demic year. Funding for the Technol-
yogy department has decreased from
$70,000 last year to nearly $50,000 this
year, a whopping 29% decrease.

"We had to make many changes in
order to uphold Tech's high stan-
dards of learning while also keeping
staff members' jobs," says Mr. Barclay.

The current concern for physics classes is the difficult change from two
lab days each week in previous years to
only one day per week this year. "The
students will still have enough lab time.
We've added a way for students to access
physics labs on Moodle and complete pre-labs and read up on lab backgrounds
before starting the actual lab," says Mr.
Barclay. Moodle is a program which al-
 lows students to complete internet based
homework, up from previously, 80% of physics students are do-
ing some online homework, up from
40% to a staggering 12%.

Many students have received homework assign-
ment via Moodle and will be
able to answer the questions offline.
"I prefer using Moodle for my labs
and some of the homework rather than
doing it all on loose-leaf, it makes it
so much easier," adds Goldberg.

They can attempt to answer each question as many times as they need to
to get everything correct on their assign-
ment, and teachers will be able to see
how many times they've 'tried'. Pres-
ently, 80% of students are doing
some online homework, up from
40% to a staggering 12%.

Crystal Bonds, a guidance coun-
selor, stresses that the club has given
the students leadership skills, mentor-
ship, and scholarship. "It's not only about grades, but about lead-
ship, mentorship, and scholarship. One way they practice leadership is
through extensive community ser-
vice. B.O.S.S. is currently running
'Toys for Tots,' a toy drive for less
fortunate children. They also help out at
other events. In February, B.O.S.S.
plans to go to the Congressional Black Caucus where they will meet
with councilman Hakeem Jeffries.
Daemian Passarelli, a guidance coun-
selor, said that the club has given the stu-
dents a 'strong voice in the meetings.'

Overall, B.O.S.S. isn't just a club
for black students to hang out. It is
the complete opposite. B.O.S.S. wel-
comes all ethnicities to join together
to discuss and achieve leadership skills.

Continued on page 2
This program, which enables freshmen to take physics, is called Physics First Initiative and has been a huge success at Stuyvesant High School. Christian Corrao, a freshman physics teacher, explains, “This initiative grew out of the idea that just physics teachers have implemented the new programs in an effort to save par- then the Living Environment Regents for students who’ve been doing great and we’re really excited to have them go on now for four months in the school year and its been a success because they have been scoring as well if not better than the juniors on the department tests,” continued Corrao. Physics for freshmen aren’t the only changes that have been made. Instead of the traditional woodshop or metalshop and tech drawing class mix, they have eliminated sophomores workshop and machine shop and replaced it with electricity/digital electronic classes. Sophomores will now take on a different challenge involving electrical circuits and will, to a small de- gree, learn about how computers work. There is a mostly positive attitude from students towards the new change in curriculum. “I think that electricity is more useful than wood shop because at least we will need this information in order to deal with real life.” explains Elisa Sigan. It’s a lot of change for the better. Budget cuts are affecting everyone. Teachers have had to deal with these bud- get cuts and they try to make the most with what they have while teaching effectively. There is a shortage of supplies, like paper and dry erase markers. But really, the teaching has to go on. Money or not, “we have to teach.” says Mr. Corrao.

Some departments are losing money fast. Some departments are losing money fast. Though much of common time is used for teachers to evaluate student performance, teachers also take the time to learn new things. In the beginning of the year, teachers were provided with a list of courses they can take, which include: Yoga, Drawing and Painting, Literature, Logical Reasoning, and Technical Writing. Teachers can pick courses that are necessary to their teaching. Common Time also allows teachers to develop themselves professionally and to help each other. For example, Ms. Ambrose, who is part of the National Board Certification Committee, is currently helping Mr. Timothy Ree (an English teacher) who is a candidate for the Certification, by editing drafts and helping him meet the stan- dards for the Certification. She was a candidate last year and was able to get support from other teachers. Ms. Ambrose feels that over the four years that she has been teaching, Common Time has steadily improved. The meet- ings are now more structured and there are wider range of options to choose from. In the future, she wants to see pro- fessionals leading the courses, instead of teachers that volunteers to teach to other teachers. She feels that it is more of a teacher-teacher relationship instead of a teacher-student relationship. The thought of Common Time brings joy to all students, but it might not be the same for teachers. Some feel that it happens too frequently and it takes time away from the classroom. However, some see it valuable because it gives them a break from teaching and offers them a time to interact with students.
The Facebook Phenomenon: Competition For Alien Threats and Time Machines

BY ROSE LIN & CHRISTOPHER GONZALES
Survey Staff Writers

The students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.

As Banach Chan '11 proposes to start her home through Facebook. In fact, Facebook reports that among the many things that 30,000 apps, this also exemplifies technology’s place in today's society is much different than in the past. If we look back we are apt to think Facebook is helping the students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.

As Banach Chan '11 proposes to start her home through Facebook. In fact, Facebook reports that among the many things that 30,000 apps, this also exemplifies technology’s place in today's society is much different than in the past. If we look back we are apt to think Facebook is helping the students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.

As Banach Chan '11 proposes to start her home through Facebook. In fact, Facebook reports that among the many things that 30,000 apps, this also exemplifies technology’s place in today's society is much different than in the past. If we look back we are apt to think Facebook is helping the students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.

As Banach Chan '11 proposes to start her home through Facebook. In fact, Facebook reports that among the many things that 30,000 apps, this also exemplifies technology’s place in today's society is much different than in the past. If we look back we are apt to think Facebook is helping the students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.

As Banach Chan '11 proposes to start her home through Facebook. In fact, Facebook reports that among the many things that 30,000 apps, this also exemplifies technology’s place in today's society is much different than in the past. If we look back we are apt to think Facebook is helping the students of Brooklyn Tech often contribute their time and energy to solving the pressing problems through overtime. Seven hours are spent in school, five of which are spent commuting to and from home, leaving only two hours to get some well-deserved rest. The question is: Where does the rest of the time go? Time that could be spent with family, friends, or pursuing hobbies and interests.

For people who have not witnessed the power of social networking sites, it can seem like something so seemingly insignificant could strip billions of people from their families, education, and other things out that could ravage a teenager's social life. Does Facebook work? Does it? The answer is yes. This short time may not seem like much, but if people put this time into better use, they would save up to 2.3 trillion messages sent over the next five years to 2.3 trillion messages sent over the next five years.
Tech’s Getting More Technical?

BY JOANNE LEE & DA HUA CHEN
Survey Staff Writers

Is Brooklyn Technical High School finally living up to its name? Many have considered Tech as one of the least “technical” schools around due to its out-of-date machinery. But recently, a new computer lab was built on the second floor in 2E20, replacing an old obsolete machine shop, which later became a storage room. The room is now a new laboratory with seventy operating computers, sixty-eight of which are available to students, making it the largest computer lab in the school.

The lab was built during the summer and opened this September. The school’s Tech Squad had helped out over the summer by installing and wiring the computers. They also contributed with the maintenance and servicing of the computers. Thus, a once unused space is now a vivid room of computers dedicated to student usage. Due to the large number of incoming freshmen, the class of 2013, new computers were needed for DDP and technology classes. It was deemed necessary to increase the supply of computers in the school and find a room that was large enough to accommodate them.

Despite the immediate reasons and the servicing of the computers. Thus, a once unused space is now a vivid room of computers dedicated to student usage. Due to the large number of incoming freshmen, the class of 2013, new computers were needed for DDP and technology classes. It was deemed necessary to increase the supply of computers in the school and find a room that was large enough to accommodate them.

Despite the immediate reasons that vouch for the construction of the lab, were the efforts really large enough to accommodate them. Despite the immediate reasons that vouch for the construction of the lab, were the efforts really large enough to accommodate them.

Despite the immediate reasons that vouch for the construction of the lab, were the efforts really large enough to accommodate them. Despite the immediate reasons that vouch for the construction of the lab, were the efforts really large enough to accommodate them.
Heading Up
With New Express Elevators, Efficiency Is Up to Speed

By AIMEE LIANG & MICHELLE LIANG
Survey Staff Writers

“Ring! Ring! Ring!” goes the bell and surprisingly the student with class on the first floor is not last on the lunch line. With the new express elevators making only one stop from the first floor to the seventh floor, students are pleased with the efficiency of this system. “It is much faster!” said one ecstatic student. Elevators A, B, D, and F are operating as express elevators, going directly from the first to the seventh floor, with no stops in between. Finally, the trip for students from the first to the seventh floor is no longer a problem of getting to class on time.

How do the normal elevators compare to express elevators? Over-crowding is still common on the normal elevators but “not on the express since it moves so quickly,” says Vivian Liang’12, who uses the elevator daily. But faster transportation at what cost? In order to program the four elevators to run express, it took about $40,000 to complete. “I think this was a great investment,” said an elevator rider. “In a big school like Tech, easy transportation is definitely worth considering.”

I think renovating Tech in general is a good idea. We’re an old school so updating is always better. As long as the old style charm is still intact and things are running efficiently, we should keep renovating and bring ourselves up to speed.

“LOL” Matter
The Dangers of Texting and Driving

By ASHLEE TORRES & PURTI PAREEK
Editors

Texting (verb) – exchange of brief written messages between cellular phones.

Could a synonym be “cause of car accidents”?

You can see teens texting everywhere, in cafes, outside, in class, and sometimes even on the road. According to the Nielsen Company, which tracked billing activity of wireless U.S. cell phone subscribers from AT&T, Sprint Nextel, T-Mobile, and Verizon Wireless, a teenager sends and receives about 1,742 text messages a month. But how many of these are on the road? According to Robert Roy Britt, editor director of Live Science, 69% of teenagers text while driving. How does something as miniscule as texting cause deadly accidents?

Jennifer Guevin of CNET news found that out of the 6 seconds it might take to send a text, 4.6 of those seconds are spent with your eyes off the road. For some people, those 4.6 seconds of not concentrating, can prove to be fatal. A teenage girl from Wales experienced this first hand. She was driving with her friends and started texting and joking around, a seemingly harmless scenario, until her car dipped onto the next land and crashed head on with another car. Her car then started to spin out of control. When it stopped, a third car crashed into her side. While she managed to survive the horrific accident, her two friends and the passengers of the other cars, including an infant, did not.

Well, texting and driving is illegal, however in the United States texting while driving is illegal in seven states only: Alaska, California, Connecticut, Louisiana, Minnesota, New Jersey, and Washington along with the District of Columbia. Other states like New York and Rhode Island are starting to form laws against it as well. Why are these states outlawing texting while driving?

Teenagers aged 16-19 were involved in 21% of fatal car accidents correlated with cell phone use. And sadly, this percentage increases by 4% each year. In 2002, the Harvard Center for Risk Analysis found that 2,600 people die each year from accidents caused by cell phones. Along with the many deaths, an incredible 330,000 people are injured every year. These numbers are constantly increasing because texting while driving increases your chances of an accident by four times.

With statistics like these, it is no wonder that so many states are beginning to put in no texting while driving laws. Can teens really prevent becoming a part of these statistics? Yes, they can. An obvious way is to withhold from cell phone use while driving. If an urgent matter requires the use of your cell phone, pull over or use a headset to use your cell phone. It could save yourself, and the drivers around you from getting into a major accident. Keep that in mind the next time you begin to pull your cell phone out while driving.

The investment made to improve the elevators were definitely worth it! I used to have to wait a good ten to fifteen minutes for the elevators daily, but now with the express elevators, I don’t even have to wait. Kelly Ieong ’12

Not an
I think that they shouldn’t have made four elevators go express, rather just the two because that’s just going to increase traffic on the normal elevators, but it’s a good idea and smart that they have at least implemented it.

David Tom ’11

I think renovating Tech in general is a good idea. We’re an old school so updating is always better. As long as the old style charm is still intact and things are running efficiently, we should keep renovating and bring ourselves up to speed.

Hasiba Haq ’11
The Beatles' Chamber Chorus sang beautiful songs such as "Turn! Turn! Turn!" by Pete Seeger, and from the past by singing songs from the Woodstock Generation was Shoshone Love Song, a sweet and heartfelt French song called Noel Nouvelet. The Girls' Chorus had their first concert of the year, the Winter Instrumental Concert. There are 325 students in the Brooklyn Tech bands are more than Just Strings.

By MONIQUE MATHERS
Survey Staff Writer

As a walk-in to 1F1B, I was greeted by all kinds of students coming from different instruments. But as soon as I stepped into the doors, Mr. Tischler introduced his subjects, his classes, and advice for his dedicated students. He even had a group of students inside the band hall in just a few days.

The first time we heard the word was probably in grade school, about the forbidden box that wasn't allowed to be brought home. Many students have been practicing since the first grade. Reese has been playing the saxophone for 8 years, piano for 9, and the trumpet for 3. Though he is only a sophomore he is bursting with talent. Milkis has been playing the saxophone for 13 years ago. It took a three year scramble for investors to form a company that brags its ability to "play the world's music in 100 different ways.

The first time we heard the word was probably in grade school, about the forbidden box that wasn't allowed to be brought home. Many students have been practicing since the first grade. Reese has been playing the saxophone for 8 years, piano for 9, and the trumpet for 3. Though he is only a sophomore he is bursting with talent. Milkis has been playing the saxophone for 13 years ago. It took a three year scramble for investors to form a company that brags its ability to "play the world's music in 100 different ways.

The winter instrumental concert was held in the auditorium on the night of December 16. The main part of the performance was the Battle Hymn of the Republic which was sung by all of the band students. The show ended with a classic, "The Star-Spangled Banner." It was sung by all the band students, and there were a few jokes here and there.

The dynamics and the high soprano notes were deafening in a good way. The band students were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow.

The winter instrumental concert was held in the auditorium on the night of December 16. The main part of the performance was the Battle Hymn of the Republic which was sung by all of the band students. The show ended with a classic, "The Star-Spangled Banner." It was sung by all the band students, and there were a few jokes here and there.

The dynamics and the high soprano notes were deafening in a good way. The band students were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow.

The dynamics and the high soprano notes were deafening in a good way. The band students were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow. The girls were able to reach such heights and how the crescendos were able to carry out an impressive flow.
The puck gently slides from left to right as the opponent pushes it towards the opposing goal. The hockey player in front of the goal tries to block the shot while the goalie dives to make the save. The crowd cheers as the teams continue to battle for control of the puck. The game is intense, and both teams are determined to come out on top.

The track team took home the PSAL Championships this year! The Track team members celebrated their victory with a post-meet banquet at a local restaurant. The coach spoke highly of the team's hard work and dedication, saying, “The team is truly a group of hardworking, dedicated individuals who gave their all this season.” The team members were all smiles as they received their championship medals and trophies.

Kayla Hom is a senior at Brooklyn Tech and has been on the track team since her sophomore year. She has been a key member of the team, consistently setting personal records and helping her teammates improve. She is also an excellent student, maintaining a 3.9 GPA and being named to the school’s Academic Honor Roll.

Robert Abugel, a senior at Brooklyn Tech, has been the captain of Tech's track team since his sophomore year. He has been a dominant force in the middle-distance events, setting numerous records and winning multiple state championships. He has also been named to the All-State team and is a regular at the New York State Track and Field Championships.

Abugel and Hom are two of the many talented athletes at Brooklyn Tech, a school that is known for its strong athletic programs. The school has produced numerous Olympic and professional athletes, and it continues to be a leader in interscholastic sports.

The track team’s success is a testament to the dedication and hard work of the athletes and their coaches. The team members train year-round, pushing themselves to their limits and never giving up. They are a true example of hard work paying off, and they continue to inspire their fellow students and alumni alike.
LEADER IN SCIENCE

NAME: LIONEL FOKOUA
AGE: 20
MAJOR: PRE-MED, SENIOR
RESEARCH: FINDING A CURE FOR SPINAL CORD INJURY

WWW.STU.EDU/RESEARCH (305) 628-6546

Unique Undergraduate Research at Miami's St. Thomas University

Affordable • Personalized • Transformative

We get you the best possible financial aid package
Funded Science and Mathematics Fellows Program

ST.THOMAS UNIVERSITY
School of Science, Technology & Engineering Management
Leaders Make the Discoveries That Build Our Future