New York City College of Technology, CUNY
CURRICULUM MODIFICATION PROPOSAL FORM

This form is used for all curriculum modification proposals. See the Proposal Classification Chart for information about what types of modifications are major or minor. Completed proposals should be emailed to the Curriculum Committee chair.

Title of Proposal	**Discontinuation and Deactivation of TCET AAS and BT programs at City Tech before August 2025**
Date	**10/19/2023**
Major or Minor	**Major**
Proposer's Name	**Viviana Vladutescu**
Department	**Electrical & Telecommunications Engineering Technology**
Date of Departmental approved	**05/11/2023**
Department Chair Name	**Mohammad Razani**
Department Chair Signature and Date	**10/26/2023**
Academic Dean Name	**Gerarda Shields**
Academic Dean Signature and Date	**10/26/2023**
Brief Description of Proposal (Describe the modifications contained within this proposal in a succinct summary. More detailed content will be provided in the proposal body.	Deactivation and discontinuation of the Associate (TCET AAS HEGIS: 5310.00 ; Program: 87489) and Bachelor (TCET BTech HEGIS: 0925.00 ; Program: 90200) Telecommunications Engineering Technology Programs at New York City College of Technology by August 2024 for TCET AAS, and by August 2025 for TCET BT, and withdrawal of ETN, ETX and selected TCET courses.
Brief Rationale for Proposal (Provide a concise summary of why this proposed change is important to the department. More detailed content will be provided in the proposal body).	**The telecommunications engineering technology programs, which confer associate and bachelor degrees, have progressively declined in the number of students every year, to the point where there are presently six students registered in both programs. It is to be noted that almost all of the students from TCET-AAS and TCET-BTech programs have moved on to the EET-AAS and EET-BTech programs which resulted in maintaining and even increasing the enrollment numbers in the ETET Department. The TCET Programs have been offered at City Tech over two decades, but the industry trend is shifting to other specializations. Additionally, the ETN and ETX courses were part of a corporate-sponsored AAS degree, which was a contracted benefit available only to Verizon employees. The Verizon Telecommunications Technology Program has been offered at City Tech for 20 years, but this benefit was negotiated out of Verizon's agreements with their unions and phased-out in 2012.**

Proposal History (Please provide history of this proposal: is this a resubmission? An updated version? This may most easily be expressed as a list).	First submission.

Please include all appropriate documentation as indicated in the Curriculum Modification Checklist.

For each new course, please also complete the New Course Proposal and submit in this document.

Please submit this document as a single .doc or .rtf format. If some documents are unable to be converted to .doc, then please provide all documents archived into a single .zip file.

ALL PROPOSAL CHECK LIST

Completed CURRICULUM MODIFICATION FORM including:	
• Brief description of proposal	
• Rationale for proposal	
• Date of department meeting approving the modification	
• Chair's Signature	
• Dean's Signature	
Evidence of consultation with affected departments List of the programs that use this course as required or elective, and courses that use this as a prerequisite.	
Documentation of Advisory Commission views (if applicable).	
Completed Chancellor's Report Form.	

EXISTING PROGRAM MODIFICATION PROPOSALS

Documentation indicating core curriculum requirements have been met for new programs/options or program changes.	
Detailed rationale for each modification (this includes minor modifications)	

I.   Academic Matters

Section AI: Discontinuation and Deactivation of the Associate Program in Applied Science in Telecommunications Engineering Technology

RESOLVED, that the Associate (HEGIS: 5310.00 ; Program: 87489) effective Aug 2024 (see Brief Description on page 1), and Bachelor (HEGIS: 0925.00 ; Program Code 90200) Programs in Telecommunications Engineering Technology at New York City College of Technology be deregistered, effective August 2025.

EXPLANATION: The Telecommunications Engineering Technology Programs which confer associate and bachelor degrees, have been offered at City Tech for the past 20 years but the trend in industrial and engineering specialty has shifted and less students have been showing interest in this area of study.

TERMINATION PLANS: In the termination process of the TCET AAS and TCET BT programs, Independent Study courses have been and will be offered for the students currently enrolled to ensure proper training offered to the students and a balanced distribution of the school funds. We need to mention here that the TCET programs are accredited until Spring 2026, which surpasses the closing dates of both programs.

Section AII: Courses Withdrawn within the ETET Department

ETN 1102 - Principles of Electricity and Electronics (for non-ET/TC majors)
CUNYfirst Course ID: 038940
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETN 1202 - Principles of Computer Maintenance (for non-ET/TC majors)
CUNYfirst Course ID: 038941
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETN 1302 - Principles of Electricity, Electronics and Computer Operation (for non-ET/TC majors)
CUNYfirst Course ID: 038942
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETN 2400 Computer Systems Mgt & Support
CUNYfirst Course ID:115432
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETN 9999 Electrical Engineering Tech Non Major Elective Credit

CUNYfirst Course ID: 146528
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 1212 - Digital Systems for Telecommunications I
CUNYfirst Course ID: 038943
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 2112 - Digital Systems for Telecommunications II
CUNYfirst Course ID: 038944
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 2222 - Electrical Circuits
CUNYfirst Course ID: 038945
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 3122 - Electronics for Telecommunications
CUNYfirst Course ID: 038946
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 3142 - Networking Fundamentals
CUNYfirst Course ID: 038947
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 3222 - Electronic Systems II
CUNYfirst Course ID: 038948
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 3242 - Advanced Networking
CUNYfirst Course ID: 038949
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 4142 - Broadband Services
CUNYfirst Course ID: 038950
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 4242 - Telecommunications Seminar
CUNYfirst Course ID: 038951
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

ETX 9999 - Elec Eng Tec-Next Stp Elec Crd
CUNYfirst Course ID: 146527
Rationale: The department has deregistered and closed the degree program. There are currently no enrolled students.

TCET 1100 - Introduction to Telecommunications
CUNYfirst Course ID: 041106
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 2000 – Internship for TCET AAS
CUNYfirst Course ID: 041107
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 2102 - Analog and Digital Telephony
CUNYfirst Course ID: 041108
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 2202 - Data Communication Systems
CUNYfirst Course ID: 041109
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 2220 - Transmission Systems
CUNYfirst Course ID: 041110
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 2242 - Microcomputer Interfacing
CUNYfirst Course ID: 041111
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 3102 - Analog and Digital Communications I
CUNYfirst Course ID: 041112
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 3202 - Analog and Digital Communications II
CUNYfirst Course ID: 041115
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4000 - Internship for TCET-BT
CUNYfirst Course ID: 041119
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4110 - Electromagnetics and Antenna Design
CUNYfirst Course ID: 041121
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4120 - Legal and Regulatory Issues in Telecommunications
CUNYfirst Course ID: 041122
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4152 - Optical Network Components
CUNYfirst Course ID: 041125
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4162 - Photonic Devices
CUNYfirst Course ID: 041126
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4172 - Telecommunication Protocols and Network Performance
CUNYfirst Course ID: 041127
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4182 - Telecommunications Capstone Project I
CUNYfirst Course ID: 136300
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4202 - Advanced Telecommunications
CUNYfirst Course ID: 041128

Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4210 - Microwave Remote Sensing
CUNYfirst Course ID: 041129
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students

TCET 4220 - Telecommunications Seminar
CUNYfirst Course ID: 041130
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4227- Telecommunications Seminar: Industry Study
CUNYfirst Course ID: 041131
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4232 - Optical networks
CUNYfirst Course ID: 041132
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4242 – IP Technology and Applications
CUNYfirst Course ID: 041133
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4282 - Telecommunications Capstone Project II
CUNYfirst Course ID: 136345
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.

TCET 4000 Internship
CUNYfirst Course ID: 146467
Rationale: The department is deregistering and closing the degree program. There are currently no enrolled students.
- o The following courses are to be kept as electives for the EET programs:
  - TCET 3122 (Switching and Automata Theory)
  - TCET 3142 (Computer Systems)
  - TCET 3222 (Satellite)
  - TCET 3242 – (Advanced Communication Network)
  - TCET 4102 (Fiber-optics)
  - TCET 4132 (Wireless Communications)
  - TCET 4140 (Telecommunication Network Management)

Department of Electrical and Telecommunications Engineering Technology
TEL (718) 260-5300 - FAX: (718) 254-8643

II. Minutes of the ETET OL Departmental Meeting
On Thursday, May 11, 2023

Present: Professors Awal**,** Geng**,** Hossain, Kalechman, Marandi, Marantz, Razani, Ummy, Vladutescu, and Wei

Excused: Professor: Goykadosh

- The meeting was called to order at 12:30 P.M. Through Zoom.

- The minutes from the meeting of March 16, 2023, were approved.

- Chairman reported the department is offering three Independent Study courses this Summer and Professor Hossain accepted to teach all three classes:

1. EET 3202-6805/IS05/May 30 through June 27
2. EET 3222-6804/IS07 May 30 through June 27
3. TCET 3122-6805/IS09/May 30 through June 27

- Chairman reminded the faculty members the deadline of June 30, to complete the New York City Tech Work Violence Prevention and ESPARC workshops for 2022-2023 academic year.

- Chairman reminded the faculty members to submit the grades and the efolders on time.

- Chairman announced a part-time secretary has started working in the department on Mondays, Tuesdays, and Thursdays.

- Chairman announced that the Dean has asked the department to review Math1275CO as a prerequisite for the EET1122 course and the deadline to finalize it is today. There was extensive discussion among the faculty members. Professor Vladutesu suggested we should keep our Math1375 prerequisite for EET1122 course. Professor Marantz suggested Math 1275CO should be as co-requisite and

added Math 1275 plus Math 1275CO might be a good solution. Professor Marandi suggested if the students in their arrival to the department have Math proficiency, then they do not need to take either Math1275CO or Math1275 classes and as long as they register at Math 1375 class, then they are qualified to take their EET 1100-level courses. Chairman recommended for Math1375 students need to take Math 1275 or Math1275CO.

- Chairman asked faculty members to encourage their students to submit the SET before its deadline, because some of the classes have even zero submission.

- Professor Hossain reported the ABET last meeting was conducted in April to discuss the department's state of accreditation activities such as assessments, Website updates and syllabi. He added everything is moving smoothly except PEOs. Professor Marantz informed that the student data update is in progress and the latest data from fall 2019 is available from AIRE and the syllabi were updated. He added the first cycle of assessment is completed, and analysis will take place next month. next month. Professor Geng reported that he has asked Professor Bassali for the data for EET4202 class. Professor Vladutescu reported that the revised PEOs were approved by the college council and are going through completion process.

- Chairman asked Professor Hossain about the ABET status of the EET Department compared with other departments and Professor Hossain responded, we are in better position in assessment.

- Professor Marantz reported last EET/TCET C.C. Meeting was conducted on May 4, and various topics were discussed in the meeting which has been reported at the Minutes and among them was a need for the TCET courses to be introduced at the EET-BTech program and also a report of Professor Marandi on behalf of Professor Wei and Professor Ummy sub-committees results which GenEd courses may be safely removed from both EET AAS and EET BT programs.

- Professor Vladutescu reported that the proposal of sunsetting TCET program is in progress. She added that according to the EET/TC Curriculum Committee report and the departmental approval, the following courses need to be removed:

    - **TCET 1100 (Introduction to Telecommunications)**
    - **TCET 2000 (Internship for TCET-AAS)**

- **TCET 2242 (Microcomputer Interfacing)**
- **TCET 3102 (Analog and Digital Communications I)**
- **TCET 3202 (Analog and Digital Communications II)**
- **TCET 3242 (Advanced Communication Network)**
- **TCET 4000 (Internship for TCET-BT)**
- **TCET 4152 (Optical Components)**
- **TCET 4162 (Photonics Devices)**
- **TCET 4182 (Telecommunications Capstone Project I)**
- **TCET 4210 (Microwave Remote Sensing)**
- **TCET 4232 (Optical Networks)**
- **TCET 4202 (Advanced Telecommunications)**
- **TCET 4282 (Telecommunications Capstone Project II)**
- **TCET 4140 (Telecommunications Network Management)**
- **TCET 4220 (Telecommunications Seminar)**
- **TCET 4227 (Telecommunications Seminar: Industry Studies)**
- **TCET 4242 (IP Technology and Applications)**

It was recommended that the following courses be removed with the understanding that their contents would be merged with other courses as follows:

- TCET 2102 (Analog and Digital Telephony) & TCET 2202 (Data Communications Systems): Add content from both courses to the other electives.
- TCET 2220 (Transmission Lines): Add contents to TCET 3222 (Satellite)
- TCET 4110 (Electromagnetics and Antenna Design): Add topics to other courses.
- TCET 4120 (Regulatory Issues): Add contents to EET 4120 (Engineering Technology Management)
- TCET 4172 (Telecommunication Protocols and Network Performance): Add content to TCET 3142 (Computer Systems)

The following courses are to be kept as electives for the EET programs:

- TCET 3122 (Switching and Automata Theory)
- TCET 3142 (Computer Systems)
- TCET 3222 (Satellite)
- TCET 3242 – (Advanced Communication Network)
- TCET 4102 (Fiber-optics)
- TCET 4132 (Wireless Communications)
- TCET 4140 (Telecommunication Network Management)

- The Department members approved the termination of the TCET AAS program starting on Aug 2024 and that of the TCET BT program on Aug 2025.

- Professor Vladutescu discussed Gen Ed, courses relevant to our department and she suggested the department should choose one or two courses for the fall 2023 general planning education. She added, which courses and which topics can be discussed later.

- Professor Geng reported about Perkin's Peer Tutoring, and she reiterated that the faculty members to announce in their classes more participation of students not only to take advantage from this opportunity but also to participate as an advisor for next semester.

- Professor Geng reported that she is working with her EET3122 students for Intensive -English writing and she is giving her students the assignments.

- Professor Marandi reported the spring "OPEN HOUSE" was conducted on Sunday, April 30, by active participation and contribution of Professor Geng along with the Students' Leader and Students' Ambassador participation and contribution, which ended up by the departmental tour of 73 active students and parents.

- The meeting was adjourned at 2:20 P.M.

- Cc: Dean Gerarda Shields

NEW YORK CITY
COLLEGE OF TECHNOLOGY
The City University of New York
300 Jay Street · Brooklyn, NY 112012983

Department of Electrical and Telecommunications Engineering Technology
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Minutes of the ETET Departmental
Industry Advisory Commission (IAC) Meeting
May 12, 2022

Industry Members

Dr. Joseph Azzopardi	Carl Meshenberg
Dr. Alexander Gelman	Morris Schwartz

Faculty

Muhammad Awal	Mohammad Razani
Li Geng	Zory Marantz
Aron Goykadosh	Viviana Vladutescu
ASM Delowar Hossain	Xin-Zhu Wei

Students

Andy Maharaj	Phong Nguyen
Mohammad Nafiz imtiaz Khan	Vitally Feferman
Shawn Khan	Whitson Murphy
Aramis Chalen	Souaibou Tamba
Shibin Joseph	

- The meeting was called to order at 4:15 pm.

- Welcoming remarks were given by Prof. Razani, the Department Chairperson, and Prof. Marantz, the Department IAC coordinator.

- Professors Marandi, Wei, and Geng began by updating the members on the status of the student clubs.

- Prof. Marantz read an email on behalf of Prof. Marandi, who was unable to attend.

- Prof. Wei stated that Prof. Ummy was invited as a guest speaker and there were sessions on AI and voice recognition.

- Dr. Gelman informed everyone of the conferences with job fairs that have free student participation.

- There were student capstone presentations given that included a smart mirror and a few on smart cars.

- Prof. Hossain updated the industry members on the latest ABET activities including SOs and rubrics being updated as well as LDEs and blueprints. Dr. Gelman and Mr. Meshenberg requested to see the originals of all to better appreciate the differences and Prof. Hossain obliged.

- The discussion then moved on to the sunset of TCET program. Various members asked why the department has begun taking this action. Various members stated that students are unaware of the existence of the program. Mr. Schwartz asked if that has anything to do with the job market to which Prof. Razani responded that most all of the TCET graduates get great jobs. Dr. Gelman suggested that it is unfortunate and may be due to poor marketing. Regardless, Prof. Razani stated that the remaining students will be completing the program by taking the courses as individualized or independent study, while after the program ends various courses will be offered as electives in the EET program.

- Prof. Marantz presented that overall, based on the ABET.org website, CItyTech is the only one of two institutions in the whole world that is accredited for both the TCET AAS and TCET BT degrees. There is clearly a global trend of institutions shutting down their TCET programs. Prof. Razani mentioned that this does make some sense, since TCET is actually a concentration within an EET program, just as communications is a concentration within a typical EE degree program.

- Mr. Meshenberg asked what will happen to subjects such as knowledge of the OSI model, which is imperative for all engineering technologists to be aware of. Prof. Hossain said that subject and various other communication concepts will be integrated, as best as possible, into the remaining courses that will be run.
- Prof. Razani mentioned that there is another option, where students can apply for a CUNY BA/BS program that allows them to customize their course work of about 9-10 classes to focus on something that is their own. The remaining TCET courses may be used by students within that program to obtain their own custom made TCET degree. Dr. Gelman asked if students are ready for these courses if there is no programmatic build up to them. Prof. Razani explained that the students would have to take the necessary courses including pre-requisites that may result in having them take more than the minimum necessary credits.
- Dr. Gelman then asked if the students are GPA conscious in general or for consideration for graduate school. Prof. Razani responded that there is a great need to make them aware of it. Many students have moved on to get their PhD degrees and are currently in teaching academia. Mr. Schwartz pointed out that a good GPA is necessary not just for entrance to graduate school, but also for a good job. Interviewers tend be selective about that. Mr. Meshenberg added that a GPA matters for the first job, after which job experience is more important, which was echoed by Prof. Hossain. Dr. Azzopardi said that based on his experience, as soon as students are out of school they care about their performance. Eventually they learn on the job, move on, and progress. Prof. Razani pointed out that companies used to invest in on the job training, but that isn't done anymore. Companies want prospective employees to be ready to work. Dr. Azzopardi responded by saying that many people are retiring and there is a great need for new employees. Dr. Gelman added that students need to learn how to interview and develop their soft- and interpersonal skills in addition to their technical skills.
- Prof. Razani requested any feedback, recommendations, and comments from the IAC members about how to continue the program. Mr. Schwartz asked what would happen if afterwards there is a sudden rise in demand of the TCET program again. How would it be added back to allow students the option? Perhaps give them more

courses/electives? It would be disappointing to lose that degree option. Prof. Razani explained that many things have been tried: capstone courses, visual/practical projects at freshman level, 3 tracks, etc. None have been successful, especially after the EET BT started. Prof. Marantz added that the courses will still be there, so may still have a chance to bring back tracks. Prof. Hossain also pointed out that the program title in which people are unaware of what a TCET program is.

- Dr. Azzopardi asked about online courses for most adults. Of course, not for labs. Prof. Razani Razani pointed out that most of the courses are lab based. Students prefer to take courses online, but we believe they won't learn as much as in person. Some programs are moving towards online only. Not in engineering though. Recently read an article stating that only 8% of NYC workers are back to in person work. Prof. Hossain added that online programs are good for mature people. Undergraduate students need hands-on work, i.e. hybrid. Educational quality may be maintained in online courses if they're mature. Introductory students tend to be lost. Mr. Meshenberg stated that based on his personal experience by taking modern hybrid courses lectures need not be in class, although labs do need to be in-person. Dr. Gelman added that it is important for students to be in the lab with their peers as much as possible so that they can develop their interpersonal skills. Mr. Schwartz shared his experience with online and hybrid teaching that online teaching has been a failure with undergraduates. They have no comprehension of the seriousness of the courses they're taking. The characteristics of this new generation doesn't compare with the seriousness with attendance in school. Mr. Meshenberg agreed that maturity is important. It appears that hybrid courses are perhaps key to all this. Prof. Hossain agreed with that as well. Prof. Razani pointed out that it is a challenge to offer a complete degree online, regardless.
- The meeting adjourned at 6pm.

III. Consultation with the affected departments

Re: Phasing out of the TCET AAS and TCET BT programs

Ashwin Satyanarayana <ASatyanarayana@CityTech.Cuny.Edu>
Thu 9/14/2023 10:11 AM
To:Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>

Hello Viviana,

I am ok with the courses listed that you have decided to keep.

Best,
Ashwin

Ashwin Satyanarayana, Ph.D.
Associate Professor / Department Chair
Department of Computer Systems Technology,
New York City College of Technology
300 Jay Street - Namm 914, Brooklyn, NY 11201
Ph: (718) 260-5161

From: Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>
Sent: Wednesday, September 13, 2023 5:25 PM
To: Ashwin Satyanarayana <ASatyanarayana@CityTech.Cuny.Edu>
Subject: Phasing out of the TCET AAS and TCET BT programs

Dear Ashwin,

I hope my email finds you well. I am writing to you about our (ETET Dept) plans to phase out the TCET
AAS and BT programs along with several courses. Among the courses that we decided to keep are
TCET 3122 (Switching and Automata Theory)
TCET 3142 (Computer Systems)
TCET 3222 (Satellite)
TCET 4102 (Fiber-optics)
TCET 4132 (Wireless Communications)
Are there any particular courses that are listed as electives for your program that are not found above?

Thank you very much

Viviana

Viviana Vladutescu PhD, MBA
Associate Professor of Electrical Engineering,
ETET Department, V 729
New York City College of Technology/CUNY
186 Jay Street , Brooklyn , NY, 10471
Phone: 718 260 4915

Re: Phasing out the TCET AAS and BT programs

Giovanni Ossola <GOssola@CityTech.Cuny.Edu>
Fri 9/15/2023 5:53 PM
To:Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>
Cc:German Kolmakov <GKolmakov@CityTech.Cuny.Edu>

Hi Viviana,

Thanks for the reminder.

We do not have any TCET courses that are specifically listed as electives. Students in Applied
Computational Physics can choose their elective classes from all the courses that City Tech is offering.
Therefore, I do not see any potential conflicts with your proposed curriculum changes.

Best wishes,
Giovanni

Giovanni Ossola, PhD
Professor of Physics
ACP Program Director
New York City College of Technology
City University of New York
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gossola@citytech.cuny.edu

From: Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>
Sent: Friday, September 15, 2023 4:57 PM
To: German Kolmakov <GKolmakov@CityTech.Cuny.Edu>; Giovanni Ossola <GOssola@CityTech.Cuny.Edu>
Subject: Re: Phasing out the TCET AAS and BT programs

Thank you for your prompt response German.

Dear Giovanni,

Could you please send me a response by Monday, so we can submit the proposal in a timely fashion?

Sincerely,

Viviana

17

Re: Phasing out of the TCET programs

Jonathan Natov <JNatov@CityTech.Cuny.Edu>
Thu 9/14/2023 8:57 AM
To:Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>

Dear Viviana,

There are no additions needed to the list in your email.

Thank you for this information.

Please ask if you have any questions.

Best regards,
Jonathan

Professor Jonathan Natov
Mathematics Department Chair
NYC College of Technology, CUNY
300 Jay Street, N711
Brooklyn NY 11201

From: Daniela Vladutescu <DANIELA.VLADUTESCU48@citytech.cuny.edu>
Sent: Wednesday, September 13, 2023 5:21 PM
To: Jonathan Natov <JNatov@CityTech.Cuny.Edu>
Subject: Phasing out of the TCET programs

Dear Jonathan,

I hope my email finds you well. I am writing to you about our (ETET Dept) plans to phase out the TCET AAS and BT programs along with several courses. Among the courses that we decided to keep are
TCET 3122 (Switching and Automata Theory)
TCET 3142 (Computer Systems)
TCET 3222 (Satellite)
TCET 4102 (Fiber-optics)
TCET 4132 (Wireless Communications)
Are there any particular courses that are listed as elective for the Applied Math program that are not found above?

Thank you very much

Viviana

Viviana Vladutescu PhD, MBA
Associate Professor of Electrical Engineering,
ETET Department, V 729
New York City College of Technology/CUNY
186 Jay Street , Brooklyn , NY, 10471
Phone: 718 260 4915

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IV.   Change or Adapt a Registered Program* (TCET AAS/NYCCT/CUNY)

Use this form to request program changes that require approval by the State Education Department (see chart on the following page). For **programs that are registered jointly** with another institution, all participating institutions must confirm support for the changes.

This application should **NOT** be used for the following types of requests:

- Proposals for new programs
- Requests for changes to registered programs preparing Teachers, Educational Leaders, and Other School Personnel
- Requests for changes to programs preparing Licensed Professionals; or
- Requests to add the Distance Education Format to a Registered Program

(**Note:** If the only requested change is to add the distance education format to an existing registered program, institutions need only complete and submit the Application to Add the Distance Education Format to a New or Registered Program.)

The application materials for requests for changes to registered programs preparing Teachers, Educational Leaders, and Other School Personnel or Licensed Professionals can be found at:

http://www.highered.nysed.gov/ocue/aipr/register.html

For requests to changes to Doctoral programs: please contact the Office of College and University Evaluation (OCUE).

Directions for submission of request:
1. Create a *single* PDF document that includes the following completed forms:
   - Request to Change or Adapt a Registered Program
   - Master Plan Amendment Supplement and Abstract (if applicable)
   - External Review of Certain Degree Programs and Response (if applicable)
   - Application to Add the Distance Education Format to a New or Registered Program, (if applicable).
2. Create a separate PDF document for any required syllabi (see p. 2 of form, Changes in Program Content)
3. Attach the PDF documents to an e-mail.
4. Send e-mail to **OCUERevAdmin@nysed.gov**

When submitting to the mailbox, include the following elements in the subject line of the e-mail:
      Institution Name, Degree Award, and Program Title

E.g., Subject: AAA College, Request for Change, Master of Science, English Literature

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* **CUNY and SUNY** institutions: contact System Administration for Request for Change submission process.

Changes and Adaptations Requiring State Education Department Approval

Changes in Program Content (all programs)
 	
1. *Any* of the following substantive changes:
 	
   ▪ Cumulative change from the Department's last approval of the registered program of one-third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree program)
   ▪ Changes in the program's focus or design (e.g., eliminating management courses in a business administration program), including a change in the program's major disciplinary area
   ▪ Adding or eliminating an option or concentration
   ▪ Eliminating a requirement for completion, including an internship, clinical, cooperative education, or other work-based experience
   ▪ Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of Regents Rules

Other Changes (all programs) 2. Program title 3. Program award (e.g., change in degree) 4. Mode of delivery (**Note**: if the change involves adding a **distance education format** to a registered program, please complete the Application to Add the Distance Education Format to a New or Registered Program.) 5. Discontinuing a program 6. A format change that alters the program's financial aid eligibility (e.g., from full-time to part-time, or to an abbreviated or accelerated semester) 7. A change in the total number of credits of any certificate or advanced certificate program
Establishing New Programs Based on Existing Registered Programs 8. Creating a dual-degree program from existing registered programs 9. Creating a new program from a concentration/track in an existing registered program

(i)   PLEASE NOTE:

Establishing an existing program at a new location requires new registration of the program. If the requested action changes the program's major disciplinary area, master plan amendment may be needed if the revised program represents the institution's first program in that major subject area, at that degree level. If a requested **degree title** is not authorized for an institution chartered by the Board of Regents, charter amendment will be needed.

NEW YORK STATE EDUCATION DEPARTMENT
Office of Higher Education—Office of College and University Evaluation
89 Washington Avenue, Albany, NY 12234
(518) 474-1551 Fax: (518) 486-2779
http://www.highered.nysed.gov/ocue/
OCUERevAdmin@nysed.gov

Request to Change or Adapt a Registered Program	
Item	**Response** *: Discontinue the TCET AAS Program at NYCCT/CUNY*
Institution name and address	New York City College of Technology of City University Of New York
Identify the program you wish to change	Program title: Telecommunications Engineering Technology Award (e.g., B.A., M.S.): AAS (Associate in Applied Science) Credits: 67 to 69 HEGIS code: 5310.00 Program code:87489
Contact person for this proposal	Name and title: Vladutescu Viviana Telephone:_9143846674_____ Fax:_____E-mail: vvladutescu@citytech.cuny.edu, vivianavladutescu@yahoo.com
CEO (or designee) **approval** *Signature affirms the institution's commitment to support the program as revised.*	Name and title: Russell K Hotzler Signature and date: 10/10/2023
	If the program will be registered jointly with another institution, provide the following information:
	Partner institution's name: Name and title of partner institution's CEO: Signature of partner institution's CEO:

- For **programs that are registered jointly** with another institution, all participating institutions must confirm their support of the changes.

Check all changes that apply and provide the requested information.

Changes in Program Content *(Describe and explain all proposed changes; provide a side-by-side comparison of the existing and newly modified programs.)*

[ ] Cumulative change from the Department's last approval of the registered program that impacts one-   third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree   program)

[ ] Changes in a program's focus or design

[ ] Adding or eliminating an option or concentration

[ ] Eliminating a requirement for program completion

[ ] Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of Regents Rules

If new courses are being added as part of the noted change(s), provide a syllabus for each new course and list the name, qualifications, and relevant experience of faculty teaching the course(s). Syllabi should include a course description and identify course credit, objectives, topics, student outcomes, texts/resources, and the basis for determining grades.

Other Changes *(describe and explain all proposed changes)*

[ ] **Program title**

[ ] **Program award**

[ ] **Mode of Delivery** (**Note**: if the change includes adding a **distance education format** to a registered program, please complete the Application to Add the Distance Education Format To a New or Registered Program.)

[X] **Discontinuing a program**: indicate the date by which the program will be discontinued.†

August 2024

[ ] **Format change** (e.g., from full-time to part-time, or to an abbreviated or accelerated semester)

a) Indicate proposed format:
b) Describe availability of courses and any change in faculty, resources, or support services:
c) Use the Sample Program Schedule in the Application for Registration of a New Program to show the sequencing and scheduling of courses in the program.
d) If the revised program will be offered through a nontraditional schedule, provide a brief explanation of the schedule, including its impact on financial aid eligibility.
e) Confirm that for each (one) credit there are at least 15 hours (of 50 minutes each) of instruction and at least 30 hours of supplementary assignments.

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† If any students do not complete the program by the proposed termination date, the institution must request an extension of the registration period for the program or make other arrangements for those students.

Establishing New Programs Based on Existing Registered Programs

[ ]   **Creating a dual-degree program** from existing registered programs

    a) Complete the following table to identify the existing programs:

	Program Title	Degree Award	Program Code
Program 1			
Program 2			

    b) Proposed dual-degree program (title and award):‡
    c) Courses that will be counted toward both awards:
    d) Length of time for candidates to complete the proposed program:
    e) Use Task 3: Sample Program Schedule from Application for Registration of a New Program to show the sequencing and scheduling of courses in the dual-degree program.

[ ]   **Creating a new program from a concentration/track in an existing program**.

If the new program is based *entirely* on existing courses in a registered program, provide the current program name, program code, and the following information:

Note: this abbreviated option applies only if a master plan amendment is NOT required *and* there are no new courses or changes to program admissions and evaluation elements. If these conditions are not met, submit a new registration application for the proposed program.

    a) Information from the Application for Registration of a New Program:

- Task 1 and Task 2a
- Task 3 - Sample Program Schedule
- Task 4 - Faculty information charts (full-time faculty, part-time faculty, and faculty to be hired)

    b) Brief description of the proposed program and rationale for converting the existing coursework to a separately registered program:
    c) Expected impact on existing program:
    d) Adjustments the institution will make to its current resource allocations to support the program:
    e) Statement confirming that the admission standards and process and evaluation methods are the same as those in the existing registered program.

Note: if the change involves **establishing an existing registered program at a new location**, complete a new registration application for the proposed program.

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‡ Only candidates with the capacity to complete the requirements of both degrees shall be admitted to a dual-degree program.

V.   Change or Adapt a Registered Program(TCET BT /NYCCT/CUNY)§

Use this form to request program changes that require approval by the State Education Department (see chart on the following page). For **programs that are registered jointly** with another institution, all participating institutions must confirm support for the changes.

This application should **NOT** be used for the following types of requests:

- Proposals for new programs
- Requests for changes to registered programs preparing Teachers, Educational Leaders, and Other School Personnel
- Requests for changes to programs preparing Licensed Professionals; or
- Requests to add the Distance Education Format to a Registered Program

(**Note:** If the only requested change is to add the distance education format to an existing registered program, institutions need only complete and submit the Application to Add the Distance Education Format to a New or Registered Program.)

The application materials for requests for changes to registered programs preparing Teachers, Educational Leaders, and Other School Personnel or Licensed Professionals can be found at:

http://www.highered.nysed.gov/ocue/aipr/register.html

For requests to changes to Doctoral programs: please contact the Office of College and University Evaluation (OCUE).

Directions for submission of request:

2. Create a *single* PDF document that includes the following completed forms:
    - Request to Change or Adapt a Registered Program
    - Master Plan Amendment Supplement and Abstract (if applicable)
    - External Review of Certain Degree Programs and Response (if applicable)
    - Application to Add the Distance Education Format to a New or Registered Program, (if applicable).
5. Create a separate PDF document for any required syllabi (see p. 2 of form, Changes in Program Content)
6. Attach the PDF documents to an e-mail.
7. Send e-mail to **OCUERevAdmin@nysed.gov**

When submitting to the mailbox, include the following elements in the subject line of the e-mail:
      Institution Name, Degree Award, and Program Title

E.g., Subject: AAA College, Request for Change, Master of Science, English Literature

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§ **CUNY and SUNY** institutions: contact System Administration for Request for Change submission process.

Changes and Adaptations Requiring State Education Department Approval

Changes in Program Content (all programs)
10. *Any* of the following substantive changes:
 	
    ▪ Cumulative change from the Department's last approval of the registered program of one-third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree program)
    ▪ Changes in the program's focus or design (e.g., eliminating management courses in a business administration program), including a change in the program's major disciplinary area
    ▪ Adding or eliminating an option or concentration
    ▪ Eliminating a requirement for completion, including an internship, clinical, cooperative education, or other work-based experience
    ▪ Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of [Regents Rules]

Other Changes (all programs) 11. Program title 12. Program award (e.g., change in degree) 13. Mode of delivery (**Note**: if the change involves adding a **distance education format** to a registered program, please complete the [Application to Add the Distance Education Format to a New or Registered Program].) 14. Discontinuing a program 15. A format change that alters the program's financial aid eligibility (e.g., from full-time to part-time, or to an abbreviated or accelerated semester) 16. A change in the total number of credits of any certificate or advanced certificate program
Establishing New Programs Based on Existing Registered Programs 17. Creating a dual-degree program from existing registered programs 18. Creating a new program from a concentration/track in an existing registered program

(i)   PLEASE NOTE:

Establishing an existing program at a new location requires new registration of the program. If the requested action changes the program's major disciplinary area, master plan amendment may be needed if the revised program represents the institution's first program in that major subject area, at that degree level. If a requested **degree title** is not authorized for an institution chartered by the Board of Regents, charter amendment will be needed.

NEW YORK STATE EDUCATION DEPARTMENT
Office of Higher Education—Office of College and University Evaluation
89 Washington Avenue, Albany, NY 12234
(518) 474-1551 Fax: (518) 486-2779
http://www.highered.nysed.gov/ocue/
OCUERevAdmin@nysed.gov

Request to Change or Adapt a Registered Program	
Item	**Response** *: Request to Terminate the TCET BT Program at NYCCT/CUNY*
Institution name and address	New York City College of Technology of City University Of New York
Identify the program you wish to change	Program title: Telecommunications Engineering Technology Award (e.g., B.A., M.S.): BT (Bachelor of Technology) Credits:131 to 133 HEGIS code: 0925.00 Program code: 90200
Contact person for this proposal	Name and title: Vladutescu Viviana Telephone:_9143846674_____ Fax:_____E-mail: vvladutescu@citytech.cuny.edu, vivianavladutescu@yahoo.com
CEO (or designee) **approval** *Signature affirms the institution's commitment to support the program as revised.*	Name and title: Russell K Hotzler Signature and date: 10/26/2023
	If the program will be registered jointly with another institution, provide the following information:
	Partner institution's name: Name and title of partner institution's CEO: Signature of partner institution's CEO:

- For **programs that are registered jointly** with another institution, all participating institutions must confirm their support of the changes.

Check all changes that apply and provide the requested information.

Changes in Program Content *(Describe and explain all proposed changes; provide a side-by-side comparison of the existing and newly modified programs.)*

[ ]   Cumulative change from the Department's last approval of the registered program that impacts one-   third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree   program)

[ ]   Changes in a program's focus or design

[ ]   Adding or eliminating an option or concentration

[ ]   Eliminating a requirement for program completion

[ ]   Altering the liberal arts and science content in a way that changes the degree classification, as   defined in Section 3.47(c)(1-4) of Regents Rules

If new courses are being added as part of the noted change(s), provide a syllabus for each new course and list the name, qualifications, and relevant experience of faculty teaching the course(s). Syllabi should include a course description and identify course credit, objectives, topics, student outcomes, texts/resources, and the basis for determining grades.

Other Changes *(describe and explain all proposed changes)*

[ ]   **Program title**

[ ]   **Program award**

[ ]   **Mode of Delivery** (**Note**: if the change includes adding a **distance education format** to a registered program, please complete the Application to Add the Distance Education Format To a New or Registered Program.)

[X]   **Discontinuing a program**: indicate the date by which the program will be discontinued.[5]

August 2024

[ ]   **Format change** (e.g., from full-time to part-time, or to an abbreviated or accelerated semester)

    f)   Indicate proposed format:
    g)   Describe availability of courses and any change in faculty, resources, or support services:
    h)   Use the Sample Program Schedule in the Application for Registration of a New Program to show the sequencing and scheduling of courses in the program.
    i)   If the revised program will be offered through a nontraditional schedule, provide a brief explanation of the schedule, including its impact on financial aid eligibility.
    j)   Confirm that for each (one) credit there are at least 15 hours (of 50 minutes each) of instruction and at least 30 hours of supplementary assignments.

Establishing New Programs Based on Existing Registered Programs

[ ] **Creating a dual-degree program** from existing registered programs

    f) Complete the following table to identify the existing programs:

	Program Title	**Degree Award**	**Program Code**
Program 1			
Program 2			

    g) Proposed dual-degree program (title and award):[6]
    h) Courses that will be counted toward both awards:
    i) Length of time for candidates to complete the proposed program:
    j) Use Task 3: Sample Program Schedule from Application for Registration of a New Program to show the sequencing and scheduling of courses in the dual-degree program.

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[5] If any students do not complete the program by the proposed termination date, the institution must request an extension of the registration period for the program or make other arrangements for those students.

[6] Only candidates with the capacity to complete the requirements of both degrees shall be admitted to a dual-degree program.

[ ]   **Creating a new program from a concentration/track in an existing program**.

If the new program is based *entirely* on existing courses in a registered program, provide the current program name, program code, and the following information:

Note: this abbreviated option applies only if a master plan amendment is NOT required *and* there are no new courses or changes to program admissions and evaluation elements. If these conditions are not met, submit a new registration application for the proposed program.

   f) Information from the [Application for Registration of a New Program](#):

       • Task 1 and Task 2a
       • Task 3 - Sample Program Schedule
       • Task 4 - Faculty information charts (full-time faculty, part-time faculty, and faculty to be hired)

   g) Brief description of the proposed program and rationale for converting the existing coursework to a separately registered program:
   h) Expected impact on existing program:
   i) Adjustments the institution will make to its current resource allocations to support the program:
   j) Statement confirming that the admission standards and process and evaluation methods are the same as those in the existing registered program.

Note: if the change involves **establishing an existing registered program at a new location**, complete a new registration application for the proposed program.