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A Journey Through the Process: The Academic Program Review (APR) Process at TESC From Idea Inception to Credit Application within Degrees





We Are:

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Thomas Edison State College

- Provide flexible, high-quality, collegiate learning opportunities for self-directed adults
- Founded to provide diverse and alternative methods of achieving a collegiate education
- Exists exclusively to serve the needs of adults, the majority of whom bring with them credit from varied outside sources
- More than 20,000 students currently enrolled
- Evaluation upon application
- Updates on demand
- Credit from varied sources – both traditional and non-traditional



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TESC Academic Program Review (APR) process
from idea inception to credit recommendation

Objectives

- Academic Program Review
 - What is it?
 - How does it work?
 - The role of APR and other nontraditional credit options within broader field of Prior Learning Assessment (PLA)
- Nontraditional credit and the method of assigning traditional equivalencies
- Student's view of nontraditional credit on program planning tools and transcripts



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Assessing College Level Learning Outside the Classroom PLA Portfolio Model



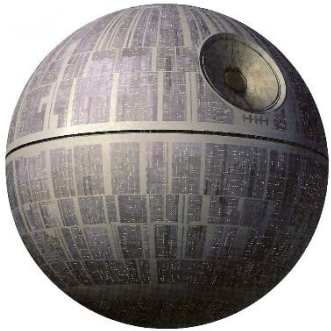
PASS



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Assessing College Level Learning Outside the Classroom Academic Program Review Model



PASS



www.tesc.edu



Success Stories

- **Capital Health System (N.J.) Polysomnography Program**
- **Chartered Financial Consultant**
- **Customs Broker License**
- **Foundation for Educational Administration (NJ EXCEL)**
- **The Institute of Nuclear Power Operations National Academy for Nuclear Training**
- Interservice Respiratory Therapy Program at Ft. Sam Houston
- Maalot Yerushalayim
- New Jersey Direct Support Professional (DSP) Career Path in Developmental Disabilities Level 1 and/or 2 Certificate recipients
- New Jersey Foundation for Educational Administration Expedited Certification for Educational Leadership (NJEXCEL)
- New Jersey Manufacturers Insurance Group
- New Jersey Carpenters Apprenticeship Training and Educational Fund
- PC AGE Career Institute
- Starting Points Institute for Early Childhood Educators
- U.S. Army Training and Doctrine Command (TRADOC) at Fort Benning, GA; Fort Knox, KY; Fort Sill, OK; and SSD-1
- United Parcel Service (UPS)



What is an Academic Program Review?

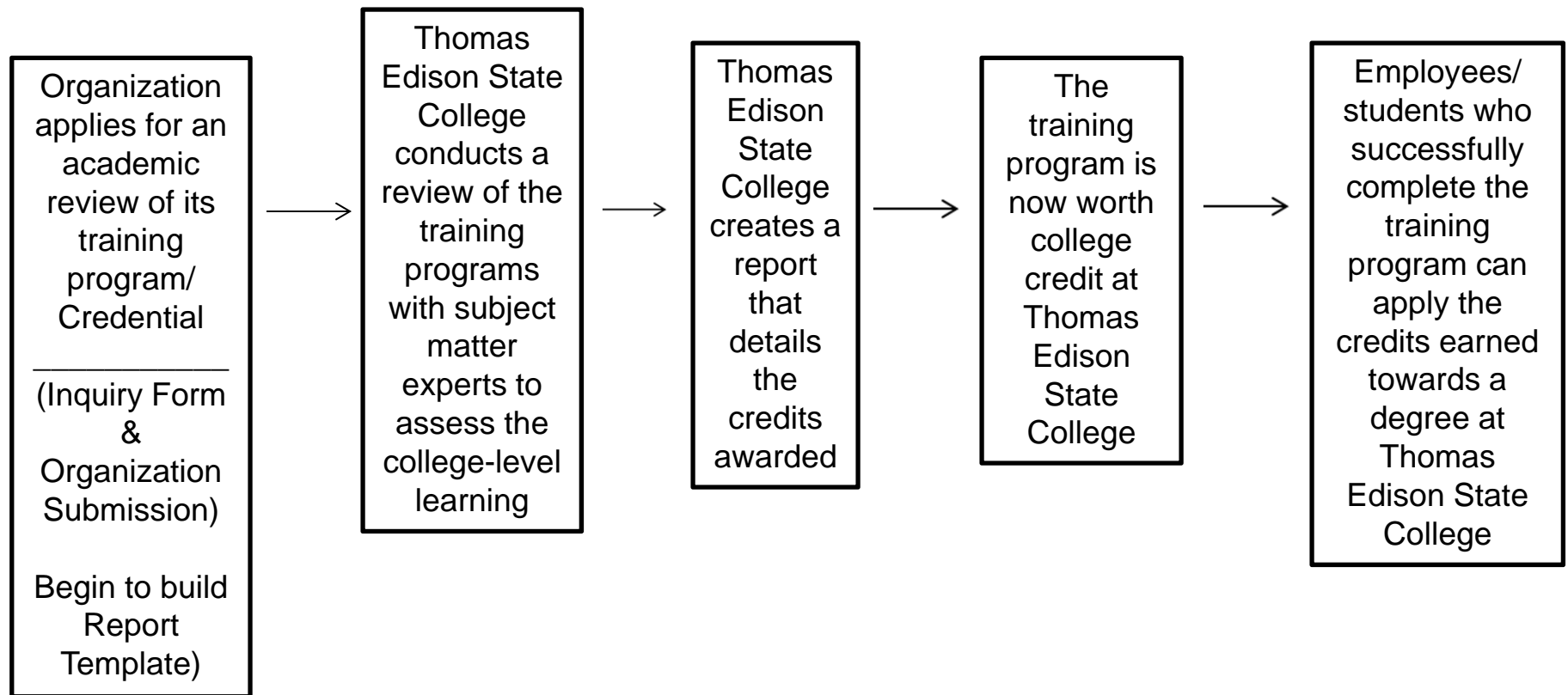
- An academic review of specific courses, licenses, certificates, or exams to determine college-level learning
- An evaluation of **college credit equivalency** and **alignment** with the College's degree programs
- Designed for organizations that want to establish a partnership with Thomas Edison State College to assist with employee professional development, recruitment, and retention

<http://www.tesc.edu/partners/Academic-Program-Review.cfm>



The Process of an Academic Program Review

Five Major Steps at Thomas Edison State College





Who is the Review Team?

- Subject matter experts from various colleges/universities/professions who have expertise in the learning being reviewed
(Selection, Requirements, Background, Training)
- A representative from the Office for Assessment of Professional and Workplace Learning who is the direct contact at the College
- Facilitator



What is Being Reviewed?

Equivalency to College-Level Learning and/or Curriculum

The Report Template Guides the Team and the Review Process

- Course Content & Materials (Instructor and Student)
- Syllabus
- Depth and Breadth of Learning
- Learning Outcomes (Identified or Developed/ Alignment)
- How Learning is Assessed – KEY! Actual Assessments
 - (Tests, Presentations, Journals, Reflections)
- Outside Projects or Assignments
- Instructor Credentials
- Length of Course/Program – (Deemphasize on seat time)
- Method of Instruction
- Maintenance of Quality Standards (multiple sites)



CAEL Standards of Quality Assurance in the Assessment of Prior Learning

- 1. Credit should be awarded only for learning, not for experience.**
- 2. College credit should be awarded only for college-level learning.**
3. Credit should be awarded only for learning that has a balance, appropriate to the subject, between theory and practical application.
4. The determination of competence levels and of credit awards must be made by appropriate subject matter and academic experts.
5. Credit should be appropriate to the academic context in which it is accepted.
- 6. Credit awards and their transcript entries should be monitored to avoid giving credit twice for the same learning.**
7. Policies and procedures applied to assessment, including the provision for appeal, should be fully disclosed and prominently available.
8. Fees charged for assessment should be based on the services performed in the process and not determined by the amount of credit awarded.
9. All personnel involved in the assessment of learning should receive adequate training for the functions they perform, and there should be provision for their continued professional development.
10. Assessment programs should be regularly monitored, reviewed, and evaluated, and revised as needed to reflect changes in the needs being served and in the state of the assessment arts.

{<http://www.cael.org/pla.htm>}

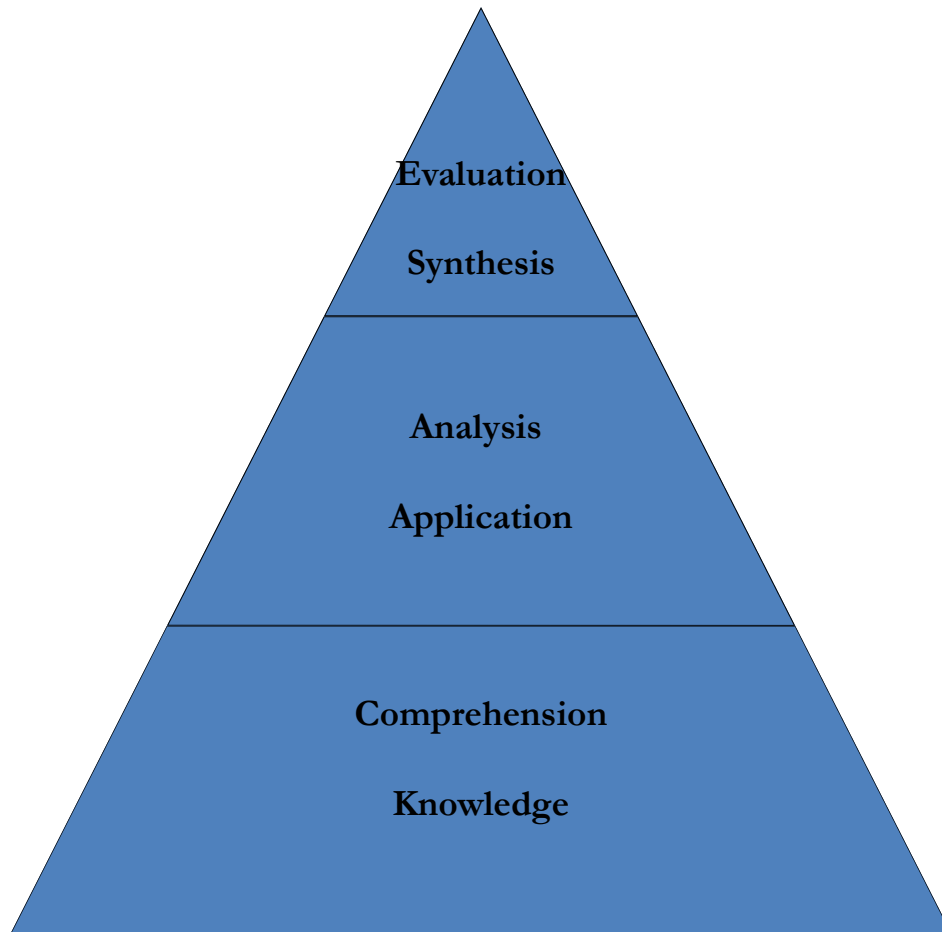


Agenda for the Day of an Onsite Review

- Overview of Organization
 - Mission, Vision, Goal of Training Shared
- Tour of Facility
- Review Team Reviews Course/Program Materials
- Meet with Staff, Faculty and Students
- Discussion with Organizational Representatives
 - Forum for Team to Ask Questions Pertinent to Review
- End of Day
 - Debriefing (Results of Review)



Criteria for Determining Level of Learning: Thomas Edison State College uses Bloom's Taxonomy



Graduate level

Judging or deciding according to some set of criteria, without real right or wrong answers.

Applying prior knowledge and skills to combine elements into a pattern not clearly there before.

Upper Division

Breaking down information into parts or examining the organizational structure of information.

Applying previously learned information or knowledge to new and unfamiliar situations.

Lower Division

Understanding the meaning of informational materials.

Remembering or recalling appropriate, previously learned information to draw out factual (usually right or wrong) answers.



Results of the Review

For each course reviewed, the organization will receive a report that details:

- College credit recommended/awarded
- Credit not recommended/awarded
- Credit – Pending
- Recommendations



Maintaining the Credit Award

Organizations must:

- Participate in an annual audit of courses which is no cost to the organization
- Undergo periodic re-review as necessary, based upon the results of the annual review and on the recommendation of the review team



The Competitive Advantage of an Academic Program Review for an Organization

1. Improves **quality** of training program
2. Helps to **recruit and retain** quality staff
3. Recognizes value of continued employee professional development
4. Advances employees toward a degree program
5. **Savings** of time and tuition dollars
6. Links organization to Thomas Edison State College
7. APR provides a pathway for organizations to partner with the College
8. Degree template created using credit award **charting student pathway to degree completion**
9. Review cost **maximizes professional development budget** for the reviewed organization



How APR Adds Value to the Institution

1. College enrollment
2. Informing decisions about degree program creation
3. Informing decisions for strategic growth
4. Strategic partnerships



Index page within APR Report

FAA LICENSES/CERTIFICATES
MAY 19, MAY 29, JUNE 18, 2009

REPORT INDEX

Page #	License/Certificate Title	Effective Dates	Credit Award and Subject Area
8.	FAA Air Traffic Control Specialist License	November 2009-Present	60 credits 3 LD Fundamentals of Speech 3 LD College Algebra 3 LD Meteorology 3 UD Aviation Weather 3 LD Basic Aerodynamics 3 LD Navigation I 3 LD Navigation II 3 LD Code of Federal Regulations 3 LD Radar Fundamentals & Surveillance 3 LD ATC Communications Procedures 3 LD ATC Computer Applications & Terminology 3 UD Flight Assistance Service 3 UD Airport Traffic Control 3 UD Enroute Traffic Control 3 UD ATC Facilities Operation & Management 3 UD Flight Safety 3 UD Airport Security & Aviation Safety 3 UD Air Navigation Aids 3 UD Pilot Weather Briefing 3 UD Air Traffic Control Computing Systems



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Equivalencies

- What are equivalencies?
- Why are they important?



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Traditional Credit: Steps to Establishing Equivalencies

1. Accredited institution
2. Official transcript
3. Resources used to establish equivalency
4. Creating the equivalency



TCEQ: Transfer Course Equivalen

Search

SEARCH RESULTS

NAVIGATION

FAVORITES

Logout

Ellucian
Colleague UI

Bucks County CC

0005582

81 S Main Street
Doylestown PA 18901

Phone: 215-340-1010
Phone:
Email:

Where Used: COR,INS,PER,VEN
Entry Date: 12/17/98
Social:

File Options Help

Keep Context Open

Save

Save All

Cancel

Cancel All

TCEQ - Transfer Course Equivalencies

Transfer Institution : 0005582 Bucks County CC

	Transfer Course	Title	Credit	DNS Category
1	SOC101	Introduction to Sociology	3.00000	
2				

	Equivalent Course	Title	Credit	Course Level
1	SOC-101	Introduction to Sociology	3.00000	100100 Level
2				
3				

	Credit	Subject	Course Level	Department
1				

Start Date

01/01/50

End Date

Acad Level

U Underg

Credit Type

TRANS Tr

Grade Scheme

TESC Edison Courses

Minimum Grade

CR

Default Status

TR Transfer Equiv Eval

Description

Acad Programs

1

Comments

1

Transfer Credits

3.00

Equiv Credits

3.00



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TESC Courses Spreadsheet

	A	B	C	D
1	Course	Departments	Short Title	Course Description
1559	SOC-101	SOCI SOSC GLBL	Introduction to Sociology	Examines the broad range of human social relationships and structures and the many forces-historical, cultural, and environmental-that shapethem. Advisory: For students taking SOC-101-OL, see the Bulletin for information about minimum system requirements.
1560	SOC-102	SOCI SOSC	Sociology II	Continued study of social institutions; stratification; social patterns, processes, changes; and the sociological perspective. Emphasis on facts and concepts as well as general theoretical approaches.
1561	SOC-117	SOCI SOSC	Sociology of Human Services	Sociological overview of the human services field. Topics include: the helping relationship; the helping skills; counseling theories; social systems; current social issues; intervention strategies; organization and delivery of services and the history of human services as they apply to various fields of practice.
1562	SOC-160	SOCI SOSC DYSS	Computers and Society	Examination of ethical and social concerns raised by computer applications.
1563	SOC-173	SOCI SOSC DYSS SSVT	Social Problems	Sociological analysis of the major social problems prevalent to American society. Consideration will be given to the social problems of poverty, crime, race relations, mental illness, alcoholism, drug addictions, and populations.
1564	SOC-190	STAT MATH NASC RSMT SOCI SOSC IPSL	Statistics and Research	Covers the basic statistical methods used in social science research. Includes descriptive and inferential statistics, ordering, central tendency and dispersion, sampling and probability, various tests for significance and scaling.



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Non-Traditional Credit: Steps to Establishing Equivalencies

1. Type of non-traditional credit
2. Creating the equivalency
3. APR equivalency process



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American Council on Education



Welcome to CREDIT

The American Council on Education's College Credit Recommendation Service (CREDIT) connects workplace learning with colleges and universities by helping adults gain access to academic credit for formal courses and examinations taken outside the traditional classroom.

Learn more about CREDIT

Upcoming Course Reviews

- January 12, 2010 - Skillsoft
- January 14, 2010 - ESI International
- January 27, 2010 - Southern Maryland Electric Cooperative
- January 27, 2010 - Learning Tree International
- February 4, 2010 - Curves International

National
GUIDE

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COURSE OR EXAM

Colleges and
UNIVERSITIES

Request
TRANSCRIPTS

REVIEWS

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the NATIONAL GUIDE TO COLLEGE CREDIT FOR WORKFORCE TRAINING

The ACE National Guide to College Credit for Workforce Training contains ACE credit recommendations for formal courses or examinations offered by various organizations, from businesses and unions to the government and military.

View organizations below or search for a specific course or exam.



the NATIONAL GUIDE browse organizations

Acquisitions Solutions, Inc.

ACT Educational Solutions,
Limited

ALEKS Corporation (McGraw Hill)

AMC Logistics Leadership Center

American Bankers Association

American Conference of
Audioprosthology

American Council on the
Teaching of Foreign Languages,
Inc.

American Educational Institute,
Inc.

American Health Information
Management Association

American Institute for Chartered
Property Casualty Underwriters,
Insurance Insti

Association

American Montessori Society

American Payroll Association
(APA) Certified Payroll
Professional Examination

American Registry of Magnetic
Resonance Imaging Technologists

American Society of Military
Comptrollers

American Society of Pension
Professionals & Actuaries (ASPPA)

American Trainco, Inc.

Applied Professional Training, Inc.

Art Instruction Schools, Inc.

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

<http://www2.acenet.edu/credit/?fuseaction=browse.main>

www.tesc.edu



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NATIONAL COLLEGE CREDIT RECOMMENDATION SERVICE
University of the State of New York - Regents Research Fund

Board of Regents | University of the State of New York

Search NCCRS

NCCRS

Translating noncollegiate learning experiences into college credit recommendations since 1973.

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National CCRS / College Credit Recommendations

College Credit Recommendations Directory



Search Current Member Organizations for a complete list of courses with credit recommendations:

--Select Organization--

To search for a specific course or exam, use search bar at the top of the page.

Can't find the organization? Try [FORMER MEMBERS](#).

Last Updated: April 19, 2012

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The National College Credit Recommendation Service (National CCRS)
is conducted by the Board of Regents of The University of the State of New York.

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<http://www.nationalccrs.org>

www.tesc.edu



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dsst

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Get Credit for What You Already Know.

CALL US TOLL-FREE AT:
877.471.9860

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Funded for military
active duty (and spouses)*

* For a complete DANTES funding list, [CLICK HERE](#)



Q: How do you accelerate your degree?

A: By taking a DSST exam for college credit.

College credits are available in [38 unique subjects](#). Disciplines include Business, Humanities, Mathematics, Physical Science, and more. From personal accounting to public speaking, from your health to law enforcement or ethics, there's a DSST subject you already know well. Make sure to check with your college or university to learn about their credit awarding policy.

Whether you're looking to start a new career or advance in your current job, a few more academic credits can make a big difference. And because you're on your way to a college degree, the extra credits you earn through DSST will free you up to focus your time and energies on the courses you want to take.

Student & Adult Learners



Get Credit for
What you Know
[Click here](#)

Academic Advisors



Accelerate your
Student's Degree
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Test Centers



Become an internet
based DSST provider
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READY TO TAKE
A DSST EXAM?

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- Locate an Institution
- Request Marketing Materials
- Download Exam Fact Sheets
- Download a Candidate Bulletin
- Download Technical Data Sheets
- Download a Transcript Order

(1 item remaining) Waiting for http://www.getcollegecredit.com/...

Internet

100%

DSST exams

www.getcollegecredit.com

www.tesc.edu



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Ellucian Colleague UI

No Active Context

NONC - Noncourses NONE - Noncourse Equivalencies

Noncourse : DE.ASTRO Astronomy

Start Date	01/01/60	Dflt Status	NC Noncourse Equivalency
End Date		Description	
Acad Level	U Und	Institution	TESC-DSST
Credit Type	INST	Acad Programs	1
Grade Scheme	TESC	Comments	1

Equivalent Course		Title	Course Level	Credit	---Score---		-Grade-	
					Min	Max	Min	Max
1	AST-101	Introductory Astron	100 L	3.00000			CR	
2								
3								



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
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College Credit for Military Service

Military Guide



Guide to the Evaluation of Educational Experiences in the Armed Services

ACE's Military Guide presents credit recommendations for formal courses and occupations offered by all branches of the military.

All recommendations are based on ACE reviews conducted by college and university faculty members who are actively teaching in the areas they review.

You can search for courses and occupations using:

- ACE identification number
- Military course number
- Military course title
- Training location
- Dates completed

RELATED CONTENT

- > Military Guide Home
- > How to use the Military Guide
- > Frequently Asked Questions

► Search Courses

Course exhibits begin with a two-letter code.

► Search Occupations

Occupation exhibits begin with a three-letter code.

More stories on College Credit for Military Service

<http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx>

www.tesc.edu


Military Education & Training



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Military - JST

BIO-251 Microbiology for Health 4 credits
CLB-211 Diagnostic Bacteriology 4 credits
CLB-311 Clinical Microbiology 4 credits
CLB-312 Clinical Parasitology 3 credits
CLB-241 Hematology I + Lab 5 credits
CLB-341 Hematology II 5 credits
CLB-350 Immunology 4 credits
CLB-251 Immunohematology + Lab 4 credits
CLB-202 Clinical Microscopy 5 credits
CLB-231 Clinical Chemistry 6 credits
CLB-232 Clinical Chemistry II 6 credits
CLB-371 Pathophysiology 3 credits




Guide to the Evaluation of Educational Experiences in the Armed Services

Home
Events
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search go
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Guide Home About the Guide Frequently Asked Questions Search Courses Search Occupations Help

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American Council on Education
One Dupont Circle NW
Washington DC, 20036
Phone: (202) 939-9300
E-mail: mileval@ace.nche.edu
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Course Exhibit

NV-0702-0002

MEDICAL TECHNOLOGY TECHNICIAN, CLASS C
(Medical Technology)
(Medical Technologist Technician, Class C)

Course Number: B-311-24; B-311-0025.

Location: Naval Hospital, Bethesda, MD; Naval Hospital, Great Lakes, IL.

Length: 50-52 weeks (2332 hours).

Exhibit Dates: 3/72-1/88.

Objectives: To train medical technicians to perform and supervise advanced laboratory procedures in all phases of laboratory operations.

Instruction: Lectures and clinical application of diagnostic microbiology, parasitology, mycology, serology, hematology, microscopy, chemistry, quality control, blood banking, pathology techniques, automated procedures, histochemistry, urinalysis, and instrumentation, including analyzers, flame photometers, osmometers, gas chromatographs, electrophoresis apparatus, and sequential multiple analyzers.

Credit Recommendation: In the upper-division baccalaureate category, 15 semester hours in microbiology (including bacteriology, parasitology, and mycology), 10 in hematology, 5 in clinical microscopy and venipuncture, 8 in blood banking and serology, 12 in clinical chemistry, 3 in pathology and histology, and additional credit in medical laboratory technology (MLT) or medical technology (MT) on the basis of national proficiency examination (2/74)(2/74).

[top](#)

THIS EXHIBIT WAS LAST UPDATED ON 9/23/2010

Downloading picture http://www.militaryguides.acenet.edu/Header_files/blank.gif...



Internet

100

www.tesc.edu



TESC Center for APR

Licenses & Certifications

<http://www.tesc.edu/degree-completion/Licenses-Certifications.cfm>

Aviation

[top of page](#) ⬆

Licenses and/or Certifications	Credits
FAA Private Pilot Airplane License	6
FAA Private Pilot Rotorcraft License	6
FAA Commercial Pilot Airplane License	15
FAA Commercial Pilot Rotorcraft License	12
FAA Instrument Pilot Airplane License	6
FAA Instrument Pilot Rotorcraft License	6
FAA Flight Engineer	9
FAA Flight Dispatcher	7
FAA Flight Instructor Rating	4
FAA Flight Instructor Instrument Rating	4
FAA Flight Navigator	8
FAA Multi-engine Airplane	2
FAA Airline Transport Pilot	7
FAA Mechanic Certificate/Airframe and Powerplant Rating	67
FAA Mechanic/Airframe	27
FAA Mechanic/Powerplant	28
FAA Air Traffic Control Specialist	60
FAA Repairman Certificate	65

NOTE: For students who hold both private pilot licenses, the maximum credit award is 9 credits; for students who hold both commercial pilot licenses, the maximum credit award is 21 credits; and for students who hold both instrument pilot licenses, the maximum credit award is 9 credits, based on overlapping content elements. Academic courses directly related to license preparation are not transferable if the license is applied.

Credits for these licenses may be applied to the ASAST and BSAST degree programs in Air Traffic Control; Aviation Flight Technology; Aviation Maintenance Technology; and Technical Studies.

Business

[top of page](#) ⬆

Licenses and/or Certifications	Credits
--------------------------------	---------



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Documentation
Center for APR

FAA License:
Air Traffic
Control Specialist

FAA License Documentation

IDENTIFICATION CARD

UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

NAME: [REDACTED] SEX: [REDACTED] HEIGHT: [REDACTED] WEIGHT: [REDACTED] HAIR: [REDACTED] EYES: [REDACTED]
DOB: [REDACTED] SOCIAL SECURITY: [REDACTED] EXPIRATION DATE: [REDACTED]

RATING RECORD

AREA	RATING	DATE ISSUED	CERTIFYING OFFICIAL
ATES			
LATES AB, PRCU	RAPC	10 NOV 04	J. P. A.
Kaduna AB, Tp	RAPC	25 OCT 07	J. P. A.
Kaduna AB, Tp	RFC	19 DEC 07	J. P. A.
San Jose, Calif, Int	RAPC	2 Jan 08	Jim H. H.
San Jose, Calif, Int	Control Tower	14 Jun 08	Jim H. H.

FAA Form 7220-1 (4-90) SUPERSEDES PREVIOUS EDITION

CERTIFICATE

I, [REDACTED], do hereby certify that the Air Traffic Control Specialist Rating Card and Identification Card are true and exact duplicate of the Original

[REDACTED]

STATE OF NEW MEXICO
COUNTY OF DONA ANA

Sworn and Subscribed to, before me on the 2nd Day of September 2010

100004 SEP-10 REGISTRAR



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How do we make the APR work for us?

- Setting the global equivalency
- Mapping credit to degrees
- TESC Evaluation (program planning tool) and transcript – What do our students see?



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ACADEMIC PROGRAM REVIEW

of

FEDERAL AVIATION ADMINISTRATION (FAA) LICENSES/CERTIFICATES

MAY 19
MAY 29
JUNE 18, 2009

FAA LICENSES/CERTIFICATES MAY 19, MAY 29, JUNE 18, 2009

REPORT INDEX

Page #	License/Certificate Title	Effective Dates	Credit Award and Subject Area
8.	FAA Air Traffic Control Specialist License	November 2009-Present	60 credits 3 LD Fundamentals of Speech 3 LD College Algebra 3 LD Meteorology 3 UD Aviation Weather 3 LD Basic Aerodynamics 3 LD Navigation I 3 LD Navigation II 3 LD Code of Federal Regulations 3 LD Radar Fundamentals & Surveillance 3 LD ATC Communications Procedures 3 LD ATC Computer Applications & Terminology 3 UD Flight Assistance Service 3 UD Airport Traffic Control 3 UD Enroute Traffic Control 3 UD ATC Facilities Operation & Management 3 UD Flight Safety 3 UD Airport Security & Aviation Safety 3 UD Air Navigation Aids 3 UD Pilot Weather Briefing 3 UD Air Traffic Control Computing Systems
10.	FAA Air Transport Pilot (ATP) License	November 2009-Present	7 credits 3 UD Airline Transport Pilot Ground 2 UD ATP Air Flight 2 UD ATP Helicopter Flight
15.	FAA Commercial Pilot Airplane License	November 2009-Present	15 credits 3 LD Commercial Pilot Air Ground A 3 LD Commercial Pilot Ground B 3 LD Commercial Pilot Air Flight A 3 LD Commercial Pilot Air Flight B 3 LD Aviation Security
18.	FAA Commercial Pilot Rotorcraft-Helicopter License	November 2009-Present	12 credits 3 LD Commercial Pilot Rotorcraft Ground A 3 LD Commercial Pilot Rotorcraft Ground B 3 LD Commercial Pilot Rotorcraft Flight A 3 LD Commercial Pilot Rotorcraft Flight B
20.	FAA Aircraft Dispatcher Part 65, Subpart C (Former Title: FAA Flight Dispatcher Part 63 Subpart C Certificate; title change effective Jan 2012)	November 2009-Present	7 credits 3 UD Flight Dispatcher A 4 UD Flight Dispatcher B

Key: UD = Upper Division (baccalaureate level)
LD = Lower Division Associate/Baccalaureate level



APR specifications used to establish equivalencies

License/Certificate Information Sheet

Name of License: FAA Air Traffic Control Specialist License

Effective Date: November 2009 – Present

Eligibility requirements: General.

To be eligible for an air traffic control tower operator certificate a person must—

- Be at least 18 years of age;
- Be of good moral character;
- Be able to read, write, and understand the English language and speak it without accent or impediment of speech that would interfere with two-way radio conversation;
- Except for a person employed by the FAA or employed by, or on active duty with, the Department of the Air Force, Army, or Navy or the Coast Guard, hold at least a second-class medical certificate issued under part 67 of this chapter within the 12 months before the date application is made, and
- Comply with §65.35.

Learning Outcomes:

Upon successfully obtaining the certification or license, the student will be able to understand and demonstrate the following:

- a) The flight rules in part 91 of this chapter;
- b) Airport traffic control procedures, and this subpart;
- c) En route traffic control procedures;
- d) Communications operating procedures;
- e) Flight assistance service;
- f) Air navigation, and aids to air navigation; and
- g) Aviation weather.
- h) Control tower equipment and its use;
- i) Weather reporting procedures and use of reports;
- j) Notices to Airmen, and use of the Airmen's Information Manual;
- k) Use of operational forms;
- l) Performance of noncontrol operational duties; and
- m) Each of the following procedures that is applicable to that operating position and is required by the person performing the examination:
 - 1) The airport, including rules, equipment, runways, taxiways, and obstructions.
 - 2) The terrain features, visual checkpoints, and obstructions within the lateral boundaries of the surface areas of Class B, Class C, Class D, or Class E airspace designated for the airport.
 - 3) Traffic patterns and associated procedures for use of preferential runways and noise abatement.
 - 4) Operational agreements.
 - 5) The center, alternate airports, and those airways, routes, reporting points, and air navigation aids used for terminal air traffic control.
 - 6) Search and rescue procedures.
 - 7) Terminal air traffic control procedures and phraseology.
 - 8) Holding procedures, prescribed instrument approach, and departure procedures.
 - 9) Radar alignment and technical operation.
 - 10) The application of the prescribed radar and nonradar separation standard, as appropriate.

Practical experience requirements: Facility rating. Each applicant for a facility rating at any air traffic control tower must have satisfactorily served—

- a) As an air traffic control tower operator at that control tower without a facility rating for at least 6 months; or
- b) As an air traffic control tower operator with a facility rating at a different control tower for at least 6 months before the date he applies for the rating.

FAA Air Traffic Control Specialist License (continued)

However, an applicant who is a member of an Armed Force of the United States meets the requirements of this section if he has satisfactorily served as an air traffic control tower operator for at least 6 months.

Assessment criteria: In order to obtain this license, the student must successfully pass the exam.

Credit Recommendation:

- In the lower division baccalaureate/associate degree category:
 - 3 credits in Fundamentals of Speech
 - 3 credits in College Algebra
 - 3 credits in Meteorology
 - 3 credits in Basic Aerodynamics
 - 3 credits in Navigation I
 - 3 credits in Navigation II
 - 3 credits in Code of Federal Regulations
 - 3 credits in Radar Fundamentals & Surveillance
 - 3 credits in ATC Communications Procedures
 - 3 credits in ATC Computer Applications & Terminology
- In the upper division baccalaureate degree category:
 - 3 credits in Aviation Weather
 - 3 credits in Flight Assistance Service
 - 3 credits in Airport Traffic Control
 - 3 credits in Enroute Traffic Control
 - 3 credits in ATC Facilities Operation & Management
 - 3 credits in Flight Safety
 - 3 credits in Airport Security & Aviation Safety
 - 3 credits in Air Navigation Aids
 - 3 credits in Pilot Weather Briefing
 - 3 credits in Air Traffic Control Computing Systems, for a total of 60 credits.



FAA Air Traffic Control APR system entry

NONC - Noncourses

Noncourse : **FAA.ATC**

Title:

Description:

Type: **APR**

Category:

SOC Credit Type:

Std Test ID:

Form Name: Number:

Component of:

Min Score:

Max Score:

Desired Score:

Grade Scheme:

Desired Grade:

Grade/Score to Use:

Equivalencies

	Start Date	End Date	General Credit	Course Credit	Credit Type	Default Status
1	<input type="text" value="01/01/88"/>	<input type="text"/>	<input type="text" value="0.00000"/>	<input type="text" value="60.00000"/>	<input type="text" value="Institutional"/>	<input type="text" value="NC Noncourse"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:



FAA Air Traffic Control APR system entry

File Options Help Keep Context Open Save Save All Cancel Cancel All

NONC - Noncourses NONE - Noncourse Equivalencies

Noncourse : FAA.ATC FAA-Air Traffic Control

Start Date 01/01/88
End Date
Acad Level U Und
Credit Type INST
Grade Scheme TESC

Dflt Status NC Noncourse Equivalency
Description
Institution TESC-Assessment Cred
Acad Programs 1
Comments 1

Equivalent Course	Title	Course Level	Credit	---Score--- Min	Max	-Grade- Min	Max
1 EAS-131	Introduction to Met	100 L	3.00000			CR	
2 EAS-341	Aviation Weather	300 L	3.00000			CR	
3 MAT-121	College Algebra	100 L	3.00000			CR	



Multiple versions of one APR

NONC - Noncourses

Noncourse : AOJCOR00NJ

Title

Description

Type

Category

SOC Credit Type

Std Test ID

Form Name

Number

Component of

Min Score

Max Score

Desired Score

Grade Scheme

Desired Grade

Grade/Score to Use

Equivalencies

	Start Date	End Date	General Credit	Course Credit	Credit Type	Default Status
<input type="text" value="1"/>	<input type="text" value="01/01/00"/>	<input type="text" value="03/31/10"/>	<input type="text" value="0.00000"/>	<input type="text" value="18.00000"/>	<input type="text" value="Institutional"/>	<input type="text" value="NC Noncourse"/>
<input type="text" value="2"/>	<input type="text" value="04/01/10"/>	<input type="text" value="06/30/18"/>	<input type="text" value="0.00000"/>	<input type="text" value="25.00000"/>	<input type="text" value="Institutional"/>	<input type="text" value="NC Noncourse"/>

Comments



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APR Review Table

Review Title: FAA Air Traffic Control

<u>Datatel</u> Code	Effective Dates	APR recommendation	TESC equivalency	Credit	Institution Code	Source of Official Student Records
FAA.ATC	11/01/09-Present	Fundamentals of Speech	COM-108	3	4855	Notarized copy of FAA license or certificate
		College Algebra	MAT-121	3		
		Meteorology	EAS-131	3		
		Aviation Weather	EAS-341	3		
		Basic Aerodynamics	ATC-101	3		
		Navigation I	ATC-201	3		
		Navigation II	ATC-202	3		
		Code of Federal Regulations	ATC-203	3		
		Radar Fundamentals & Surveillance	ATC-231	3		
		ATC Communications Procedure	ATC-233	3		
		ATC Computer Applications & Technology	ATC-351	3		
		Flight Assistance	ATC-311	3		
		Airport Traffic Control	ATC-312	3		
		Enroute Traffic Control	ATC-313	3		
		ATC Facilities Operation & Management	ATC-314	3		
		Flight Safety	ATC-321	3		
		Airport Security & Aviation Safety	ATC-322	3		
		Air Navigation Aids	ATC-331	3		
		Pilot Weather Briefing	ATC-341	3		
		Air Traffic Control Computing Systems	ATC-251	3		



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Degree mapping and the student's view

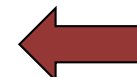
- Sample evaluation and transcript
 - Nontraditional credit
 - Traditional credit
 - Institution credit

SAMPLE EVALUATION

THOMAS EDISON STATE COLLEGE Academic Evaluation

Mr. John Doe
101 West State Street
Trenton NJ 08608-1176

College ID#: 0196220
Date Issued: 05/09/14
Program: BSAST in Air Traffic Control



Student Information

This is your personalized academic evaluation, an advising tool designed to assist you in planning for degree completion. The academic evaluation is not an official transcript, but an evolving review of credits appropriate to your degree. It remains your responsibility to satisfy all degree requirements as outlined in the Thomas Edison State College catalog. The academic evaluation identifies:

- 1) Requirements for your degree program
- 2) Transfer Course work and TESC equivalencies (if applicable)
- 3) TESC course work (currently enrolled and or in progress)
- 4) Planned Courses
- 5) Undergraduate students are required to maintain a 2.0 GPA.
Graduate students are required to maintain a 3.0 GPA.
- 6) An official TESC cumulative GPA will be calculated for any student earning at least 1 semester credit of TESC graded coursework.
- 7) Notes from TESC staff appear at the end of the report (if applicable).

APPLICANTS: To ask general questions about your academic evaluation, please call 1-888-442-8372 or send email to lsc@tesc.edu. Individual appointments with an academic advisor including detailed and specific degree program planning are only available after enrolling in the College.

ENROLLED STUDENTS: You are encouraged to work with an academic advisor to plan for degree completion. You may contact the Advisement Center by:

Mail: Academic Advisement Center, 101 West State St., Trenton, NJ 08608-1176

Fax: 1-609-777-2956

E-Mail: For prompt service, please send your email questions through the Help Desk option located at the top of your MyEdison home page. You can also send your questions to academicadvising@tesc.edu. Please be sure to include your degree program (AA, BA, BSBA, BST, etc.) and your student ID in the subject line.

Advisement Expressline: 1-888-442-8372, Monday-Thursday 10:00am - 6:00pm and Fridays 10:00am-4:00pm.

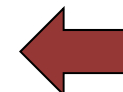
Individual Advisement Appointments: Appointments can only be scheduled through the Internet by accessing the Advising Appointment link located in the Tools box when you login to your MyEdison.

Your current academic program evaluation can be found at <http://www.tesc.edu>. Go to current students and online student services to access this resource.



Detailed description of how to interpret the evaluation and whom to contact with questions.

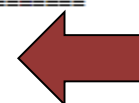
S.H. Required	S.H. Applied to Degree Req	S.H. Remaining	Comm Coll S.H. Applied	S.H. to be Planned	Overall GPA Met	TESC GPA
120.00	72.00	48.00	3.00	48.00	YES	4.000



Evaluation Credit Summary

Courses Required for Degree

Source	Institution	Source	Institution
1	Thomas A. Edison State College	2	Bucks County CC



Transfer Credit Sources

BSAST General Education Distribution (60SH)

Semester Hours Completed: 21.00

Complete all 4 subrequirements:

A: Intellectual Skills (In Progress)

- > Complete 15 semester hours (SH) of Intellectual and
- > Practical Skills coursework, to include:
- > *English Composition I, 3SH with grade of C or better
- > *English Composition II (Writing Intensive), 3SH with grade
- > of C or better
- > *College Algebra and Above, 6SH
- > *Computer Concepts, 3SH

Semester Hours Completed: 9.00

ENC-101 (Completed)

Src Course #	Title	S.H.	Grd	TESC #	Notes
1.. ENC-101...	English Composition I....	3.00	A		
ENC-102 (Writing Intensive) (Not Started)					

3 credits

College Algebra and Above (In Progress)

Src Course #	Title	S.H.	Grd	TESC #	Notes
1.. MAT-121...	College Algebra.....	3.00	CR	MAT-121	*NE

3 credits

Computer Concepts (Completed)

Src Course #	Title	S.H.	Grd	TESC #	Notes
1.. CIS-107...	Computer Concepts and App	3.00	CR	CIS-107	*NE

3 credits

B: Responsibility (In Progress)

- > Complete 9 semester hours (SH) in Personal and Social
- > Responsibility coursework to include:
- > *Diversity or Global Literacy, 3SH
- > *Responsible Ethical Leadership, 3SH
- > *Elective, 3SH

Semester Hours Completed: 3.00

Diversity or Global Literacy (Completed)

Src Course #	Title	S.H.	Grd	TESC #	Notes
2.. SOC101	Introduction to Sociology	3.00	B	SOC-101	*CC *TE

3 credits

Responsible Ethical Leadership (Not Started)

Personal and Social Responsibility Elective (Not Started)

3 credits

C: Human Cultures (In Progress)

- > Complete 20 semester hours (SH) in Human Cultures and the
- > Physical and Natural World to include:
- > *Statistics, 3SH
- > *Technical Writing, 3SH
- > *General Physics I and II, 8SH
- > *Psychology OR Sociology, 3SH
- > *Meteorology, 3SH

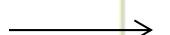
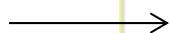
Semester Hours Completed: 3.00

Statistics (Not Started)

3 credits

Technical Writing (Not Started)

3 credits



TESC course



Nontraditional course-FAA



Nontraditional course-NCCRS



Traditional transfer course

Courses Required for Degree

Student: Mr. John Doe Staff: klobasso Date: 05/09/14 Page: 3

General Physics I w/Lab (Not Started) 3 credits
 General Physics II w/Lab (Not Started) 1 credits
 General Physics II w/Lab (Not Started) 3 credits
 General Physics II w/Lab (Not Started) 1 credits
 Psychology OR Sociology (Not Started) 3 credits

Meteorology (Completed)
 Src Course # Title S.H. Grd TESC # Notes
 1.. EAS-131... Introduction to Meteorolo 3.00 CR EAS-131 *NE

D: General Ed Electives (In Progress)
 > Complete 16 semester hours (SH) in General Education
 > Electives.
 Semester Hours Completed: 6.00 Required: 16 Remaining: 10
 Src Course # Title S.H. Grd TESC # Notes
 1.. COM-108... Fundamentals of Speech... 3.00 CR COM-108 *NE
 1.. AST-101... Introductory Astronomy... 3.00 CR AST-101 *NE

Nontraditional course-FAA
 Nontraditional course-DSST

3 credits
 3 credits
 3 credits
 1 credits

Area of Study (45 SH with grade of C or better)
 Semester Hours Completed: 42.00
 GPA Achieved/Needed: none / 2.000
 Complete all 8 subrequirements:
 A: Aerodynamics (Completed)
 > Complete 3 semester hours of Aerodynamics.
 Src Course # Title S.H. Grd TESC # Notes
 1.. ATC-101... Basic Aerodynamics..... 3.00 CR ATC-101 *NE

B: Aviation Weather (Completed)
 > Complete 3 semester hours in Aviation Weather.
 Src Course # Title S.H. Grd TESC # Notes
 1.. EAS-341... Aviation Weather..... 3.00 CR EAS-341 *NE

C: Navigation (Completed)
 > Complete a course in Navigation.
 Src Course # Title S.H. Grd TESC # Notes
 1.. ATC-201... Navigation I..... 3.00 CR ATC-201 *NE

D: Air Traffic Core (Completed)
 > Complete 12 semester hours in: Flight Assistance Service,
 > Airport Traffic Control, Enroute Traffic Control, and
 > Facilities Operation and Management.
 Semester Hours Completed: 12.00
 Src Course # Title S.H. Grd TESC # Notes
 1.. ATC-314... Facilities Operation & Mg 3.00 CR ATC-314 *NE
 1.. ATC-313... Enroute Traffic Control.. 3.00 CR ATC-313 *NE
 1.. ATC-312... Airport Traffic Control.. 3.00 CR ATC-312 *NE
 1.. ATC-311... Flight Assistance Service 3.00 CR ATC-311 *NE

E: Aviation Safety (Completed)
 > Complete 3 semester hours of Aviation Safety.
 Src Course # Title S.H. Grd TESC # Notes
 1.. ATC-322... Aviation Safety..... 3.00 CR ATC-322 *NE

TESC APR
FAA License Credit
 Fulfills entire Area of Study (other than the Capstone course, which will be completed through TESC.

Courses Required for Degree

Student: Mr. John Doe Staff: klobasso Date: 05/09/14 Page: 4

F: ATC Equipment (Completed)

- > Complete 9 semester hours in Radar, Navigation Aids, and the ATC Computer System.

Semester Hours Completed: 9.00

Src Course #	Title	S.H.	Grd TESC #	Notes
1.. ATC-331...	Air Navigation Aids.....	3.00	CR ATC-331	*NE
1.. ATC-351...	Air Traf Contr Computing	3.00	CR ATC-351	*NE
1.. ATC-231...	Radar Fundamentals.....	3.00	CR ATC-231	*NE

G: Air Traffic Elective (Completed)

- > Complete 9 semester hours in Air Traffic Control, such as Federal Air Regulations, Communications Procedures, etc, or related aviation flight courses, such as Aviation Transportation or Management.

Semester Hours Completed: 9.00

Src Course #	Title	S.H.	Grd TESC #	Notes
1.. ATC-203...	Federal Air Regulations..	3.00	CR ATC-203	*NE
1.. ATC-233...	Communications Procedures	3.00	CR ATC-233	*NE
1.. ATC-202...	Navigation II.....	3.00	CR ATC-202	*NE

H: Current Trends (Not Started)

- > Complete course APS-401 Current Trends and Applications.

Src Course #	Title	S.H.	Grd TESC #	Notes
___ APS-401				1 course needed

Free Electives (15SH)

- > Complete 15 semester hours of Free Electives.

Semester Hours Completed: 9.00 Required: 15 Remaining: 6

Src Course #	Title	S.H.	Grd TESC #	Notes
1.. ATC-341...	Pilot Weather Briefing...	3.00	CR ATC-341	*NE
1.. ATC-321...	Flight Safety.....	3.00	CR ATC-321	*NE
1.. ATC-251...	Intro to Computing in Avi	3.00	CR ATC-251	*NE
				3 credits
				3 credits

OTHER COURSES:

Src Course #	Title	S.H.	Grd TESC #	Notes
-----	-----	-----	-----	-----

None

NOTES

*CC Community College Credit
*NE Non-course Equivalency
*TE Transfer Equivalency

TESC APR

FAA License Credit

Fulfills entire Area of Study (other than the Capstone course, which will be completed through TESC).

Nontraditional courses-FAA

SAMPLE TRANSCRIPT

Date of Issue: 05/09/2014
Mr. John Doe
101 West State Street
Trenton, NJ 08608-1176

Mr. John Doe
101 West State Street
Trenton, NJ 08608-1176
ID.: 0196220

CURRENT PROGRAM NONMATRIC Nonmatriculated

Course	Title	Gr.	S.H.	Course	Title	Gr.	S.H.
=====							
★	TRANSFER CREDITS						
	Bucks County CC						
	SOC101	Introduction to Sociology					3.00
★	ASSESSMENT CREDITS						
	TESC-Assessment Credit						
	EAS 131	Introduction to Meteorology	CR				3.00
	EAS 341	Aviation Weather	CR				3.00
	MAT 121	College Algebra	CR				3.00
	ATC 101	Basic Aerodynamics	CR				3.00
	ATC 203	Federal Air Regulations	CR				3.00
	ATC 251	Intro to Computing in Aviation	CR				3.00
	ATC 201	Navigation I	CR				3.00
	ATC 202	Navigation II	CR				3.00
	ATC 231	Radar Fundamentals	CR				3.00
	ATC 233	Communications Procedures	CR				3.00
	ATC 351	Air Traf Contr Computing Sys	CR				3.00
	ATC 311	Flight Assistance Service	CR				3.00
	ATC 312	Airport Traffic Control	CR				3.00
	ATC 313	Enroute Traffic Control	CR				3.00
	ATC 331	Air Navigation Aids	CR				3.00
	ATC 321	Flight Safety	CR				3.00
	ATC 322	Aviation Safety	CR				3.00
	ATC 341	Pilot Weather Briefing	CR				3.00
	ATC 314	Facilities Operation & Mgmt	CR				3.00
	COM 108	Fundamentals of Speech	CR				3.00
★	TESC-DSST						
	AST 101	Introductory Astronomy	CR				3.00
★	TESC-NCCRS						
	CIS 107	Computer Concepts and Appl	CR				3.00
★	INSTITUTIONAL CREDITS						
	March 2013 (03/01/13 to 05/25/13)						
	ENC 101	English Composition I	A				3.00
		TERM GPA: 4.000	TOTAL:				3.00
		CUMULATIVE GPA: 4.000	TOTAL:				72.00

***** END OF TRANSCRIPT *****



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Identify college
level learning
outside the
classroom

APR creation

Creation of appropriate
equivalencies

Setup of APR,
including entry of
course equivalency
information in our
student system



Official student
documentation
received and
credit entered
for individual
students by
evaluators

**Individualized, Student-focused
Evaluation and degree completion**



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QUESTIONS?

**Christine Carter,
Senior Evaluator**

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ccarter@tesc.edu

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**Rachael Cooper
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