



# Boosting Student Success through ATC Alignment

Office of Student Success  
Texas State Technical College





## Our goal today is to...

- Provide you with information on what exactly is ATC & how it works
- Provide you with information on TSTC's ATC crosswalks
- Provide information on how to align your ATC courses with TSTC crosswalks
- Discuss the Advantages and possible Disadvantages of ATC courses
- Discuss criteria for ATC faculty certification & training
- Two key elements for success





# What is ATC?

- ATC stands for (Advance Technical Credit)
- By taking ATC courses, high school students get an opportunity to “bank” college credits by taking certain enhanced technical courses while in high school.





## How does ATC Alignment Work?

- The high school courses must be listed in the Statewide Articulation Course Crosswalk and must be equivalent to one or more high school credits.
- The student must successfully complete the course with a grade of 80 (3.0) or better in order to claim the college credit.
- If the course is part of an ATC-designated course sequence, the final course in the sequence should be taken as a high school junior or senior.
- The student must enroll in a participating college within 15 months of high school graduation (a college may extend this time line).
- The college equivalent course applies to the student's degree plan.





## Example on who gets awarded credit

### **Student A**

Earns an 80% in BUSMGT  
(1 credit) in the 9th grade

And

Takes no other related  
career and technology  
courses

### **Student A**

is not eligible because a  
sequence has not been  
completed in their junior  
or senior year.

### **Student B**

Earns a 90% in BUSIM<sub>1</sub>  
(1 credit) in the 9th grade

And

Earns an 80% in BUSIM<sub>2</sub>  
(1 credit) in the 12th grade

### **Student B**

will get credit for both courses  
(upon college enrollment)...a  
sequence was completed in  
the junior or senior year.



**Texas State Technical College  
ATC Course Crosswalk**

Academic Year 2011-2012

Program of Study	TSTC Course Name	TSTC Course #	Secondary H.S. Course Name	PEIMS #	# OF Credits	Code
Agriculture Technology	Environmental Science	EPCT 1211	Advanced Environmental Technology	13001200	2	ADVENVT
	Introduction to Welding Fundamentals	WLDG 1421	Agricultural Mechanics & Metal Technology	13002200	4	AGMECH MT
AC & Refrigeration Technology	Basic electricity for HVAC	HART 1401	Advanced HVAC & Refrigeration Technology (2 Credits)	13005900	4	ADVHVAC
	Refrigeration Principles	HART 1407			4	ADVHVAC
Automotive Technology	Intro & Theory of Automotive	AUMT 1201	Advanced Automotive Technology (2 Credits)	13039700	2	AUTOTECH
	Automotive Suspension & Steering System	AUMT 1416			4	AUTOTECH
	Automotive Brake Systems	AUMT 1410			4	AUTOTECH
Business Office Tech	Introduction to Accounting	ACNT 1303	Accounting I	13016600	3	ACCOUNT 1
	Integrated Software Applications I	ITSC 1309	Business Information Management II	13011500	3	BUSIM2
		ITSC 1309	Principles of Information Technology	13027200	3	PRINIT
	Human Resource Management	HRPO 2301	Human Resource Management	13011900	3	HRMGT
	Principles of Management	BMGT 1327	Business Management	13012100	3	BUSMGT
	Business English	POFT 3101	Business English	13011600	3	BUSENGL





Chemical Environmental	Environmental Science	EPCT 1211	Advanced Environmental Technology	1300120 0	2	ADVENVT
Computer Drafting & Design Technology	Technical Drafting	DFTG 1305	Engineering Design Process & Presentation	1303650 0	3	ENGDSPR
	Basic Computer Aided Drafting	DFTG 1309	Introduction to Engineering Design	N130374 2	3	PLTW (IED)
	Civil Drafting	DFTG 2330	Civil Engineering & Architecture	N130374 7	3	PLTW (CEA)
Computer Network & Security Technology	Fundamentals of Networking	ITNW 1325	Telecommunications & Networking	1302740 0	3	TELECOMN
	Introduction to Computer Technology	CPMT 1303	Computer Maintenance	1302730 0	3	COMPMTN
	Integrated Software Applications I	ITSC 1309	Principles of Information Technology	1302720 0	3	PRINIT
Total Possible ATC Credits for these programs					62	





**Texas State Technical College  
ATC Course Crosswalk**

Academic Year 2011-2012

Program of Study	TSTC Course Name	TSTC Course #	Secondary H.S. Course Name	PEIMS #	# of Credits	Code
Computer Science Software Technology	Introduction to Computer Technology	CPMT 1303	Computer Maintenance	13027300	3	COMPMTN
	Fundamentals of Networking	ITNW 1325	Telecommunications & Networking	13027400	3	TELECOMN
	Integrated Software Applications I	ITSC 1309	Principles of Information Technology	13027200	3	PRINIT
Computer Systems Management Technology	Introduction to Computer Technology	CPMT 1303	Computer Maintenance	13027300	3	COMPMTN
	Integrated Software Applications I	ITSC 1309	Principles of Information Technology	13027200	3	PRINIT
	Introduction to Computer Maintenance	CPMT 1311	Computer Technician	13027500	3	COMPTECH
	Fundamentals of Networking	ITNW 1325	Telecommunications & Networking	13027400	3	TELECOMN
Culinary Arts	Principles of Management	BMGT 1327	Business Management	13012100	3	BUSMGT
	Sanitation & Safety	CHEF 1205	Culinary Arts	13022600	2	CULARTS





Digital Media & Design Technology	Digital Video	ARTV 1351	Advanced Audio/Video Production (2 Credits)	1300860 0	3	ADVAVPRO
	Digital Sound	ARTV 1343				
	Digital Imaging I	ARTC 1302	Digital & Interactive Media	1302780 0	3	DIMEDIA
	Interactive Digital Media I	IMED 1345	Animation	1300830 0	3	ANIMAT
	Web Design I	IMED 1316	Web Technologies	1302790 0	3	WEBTECH
Game & Simulation Programming	Introduction to Computer Technology	CPMT 1303	Computer Maintenance	1302730 0	3	COMPMTN
Machining Technology	Basic Machine Shop I	MCHN 1338	Precision Metal Manufacturing	1303250 0	3	PRECMMA N
Nursing Assistant	Medical Terminology	HITT 1305	Medical Terminology (1/2 Credit)	1302030 0	3	MEDTERM
			Principles of Health Science (1 Credit)	1302020 0	3	PRINHLSC
			Health Science (1Credit)	1302040 0	3	HLTHSCI
Surgical Technology	Medical Terminology	HITT 1305	Medical Terminology (1/2 Credit)	1302030 0	3	MEDTERM
			Principles of Health Science (1 Credit)	1302020 0	3	PRINHLSC
			Health Science (1Credit)	1302040 0	3	HLTHSCI
Welding Technology	Introduction to Welding Fundamentals	WLDG 1421	Advanced Welding	1303240 0	4	ADVWELD
Total Possible ATC Credits for these programs					66	

Total Overall Possible ATC Credits at TSTC	115
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## How can you create ATC Course Alignments?

- Contact college/university liason
  - At TSTC, you can contact Norma A. Salazar (Director of Student Success) or David Sanchez (Achieve Texas Advisor) to set up a meeting
- Bring your ATC crosswalks to identify courses that may already align with TSTC courses
- When necessary, other meetings may follow, which will include Director of Curriculum and Department Chairs
- College Plans/Tech Prep Programs of Study will be created by high school counselor/CTE Director and Achieve Texas Advisor
- Plans will be posted on TSTC Achieve Texas webpage; high schools can create a link for their own webpages





www.harlingen.tstc.edu/oss/AchieveTexasSchoolDistricts.aspx

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## School Districts

- Brownsville BISD plans are located on the [Achieve Texas BISD Plans](#) page.
- Edinburg ECISD plans are located on the [Achieve Texas Edinburg ECISD Plans](#) page.
- Harlingen CISD plans are located on the [Achieve Texas Harlingen CISD Plans](#) page.
- La Feria ISD plans are located on the [Achieve Texas La Feria ISD Plans](#) page.
- Los Fresnos ISD plans are located on the [Achieve Texas Los Fresnos ISD Plans](#) page.
- Lyford ISD plans are located on the [Achieve Texas Lyford ISD Plans](#) page.
- Point Isabel ISD plans are located on the [Achieve Texas Point Isabel ISD Plans](#) page.
- Rio Hondo ISD plans are located on the [Achieve Texas Rio Hondo ISD Plans](#) page.
- Santa Maria ISD plans are located on the [Achieve Texas Santa Maria ISD Plans](#) page.
- Santa Rosa ISD plans are located on the [Achieve Texas Santa Rosa ISD Plans](#) page.
- Weslaco ISD plans are located on the [Achieve Texas Weslaco ISD Plans](#) page.





Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ Student ID#: \_\_\_\_\_ TSTC ID #: \_\_\_\_\_

 **AchieveTexas** 

**Texas State Technical College**  
 Associate of Applied Science Degree in Computer Drafting & Design Technology  
 College Plan

College: Texas State Technical College ISD/CISD: Harlingen  
 Program/CIP: 15.1300.00 Career Cluster: SCI TECH Engineering & Mathematics  
 Plan: Computer Drafting & Design Technology High School: \_\_\_\_\_ Career Pathway: Computer Drafting & Design Tech

High School 4 Year Program					College Five-Semester Program				
Subject	9th Grade	10th Grade	11th Grade	12th Grade	1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem
English	English 1	English 2	English 3	English 4	ENGL 1301 COMP I				
Math	Algebra 1 or Geometry/ MMA	Geometry & MMA or Algebra 2	Algebra 2 or Pre-Cal. or AP Stats	Pre-Calculus or AP Stats or AP Cal.		MATH 1314 College Algebra	MATH 1316 Plane Trigonometry		
Science	Biology	Chemistry	Physics	4th Science [See your counselor for available courses]					
Humanities	World Geography	World History	US History	US Government and Economics	HRPO 1311 Human Relations	PSYC 2304 General Psychology			Humanities/Fine Arts Elective
Foreign Language/ Fine Arts	Spanish 1 or Spanish 2 or French 1	Spanish 2 or Spanish 3 or French 2	Spanish 3 or French 3	Fine Arts					
Communications/ Speech		Communication Applications						Speech Elective 1311	
PE/Health	PE	Health	PE						
Electives	Principles of Architecture	Psychology		Advanced Architectural Design					
Technical Applications	RIM 1 or RIM 1-TA	RIM 2			DFTG 1305 Technical Drafting	DFTG 2317 Technical Illustration & Presentation	DFTG 1317 Architectural Drafting- Residential	DFTG 2328 Architectural Drafting- Commercial	DFTG 2321 Advanced Technologies in Architectural
Dual Enrollment			Architectural Design 13004700 for DFTG 1305 & DFTG 1309		DFTG 1309 Basic Computer-Aided Drafting	DFTG 1333 Mechanical Drafting	DFTG 2340 Solid Modeling/ Design	DFTG 2332 Advanced Computer-Aided Drafting	DFTG 2306 Machine Design
ATC			INTRO to Engineering Design N1303742 for DFTG 1309		DFTG 2330 Civil Drafting	DFTG 2350 Geometric Dimensioning & Tolerancing	GISC 1311 Introduction to Geographic Info. Systems	GISC 2320 Intermediate Geographic Info. Systems	GISC 1301 Cartography and Geography in GIS &GPS
Related Activities					Computer Drafting and Design Technology Club, Job Shadowing, Volunteer Work, Part-Time Employment				

Courses that are highlighted indicate articulation credits with Texas State Technical College.  
 TSTC has upward- articulation agreements with universities that give students who complete programs at TSTC the option to continue into a baccalaureate program.  
 Please see your high school counselor for high school graduation requirements which are the first four years.  
 Degree plans are contingent upon availability of the program at the time of college admissions.  
 Achieve Texas plans reflect the current career pathway selected by the student. Student may change career pathways upon annual review with an advisor or counselor.  
 The Achieve Texas College Plan serves as a guide for students; it is not an official college degree plan

Total Possible college credits completed in high school = 15      Expected Graduation Date= \_\_\_\_\_

Approvals:

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor \_\_\_\_\_ Date \_\_\_\_\_





## Advantages of ATC for the Student

- Students can choose from an array of technical programs
- Students who do not meet the criteria to enroll in Dual Credit courses because they are not TSI complete, can still enroll in ATC courses (if offered at your campus)

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- Students can start to taking ATC courses during their Freshman (9<sup>th</sup> grade) year
- If a student fails an ATC course, it will not affect his/her financial aid status
- If a student fails an ATC course, it will not reflect on the college transcript
- If a Dual Enrollment class doesn't "make," students are still able to enroll in an ATC course (if offered at your campus)
- Students can graduate from high school with some technical skills
- Students can "bank" college credits that are imbedded in certificates or Associate Degrees.





## Advantages of ATC for the High School Campus

- Student may choose to continue his education if he/she knows they have credits to redeem upon college enrollment, thus increasing the likelihood of high school completion and decreasing the likelihood of him/her dropping out of school
- School does not have to pay for bus transportation since ATC courses are held at the high school campus
- School does not have to pay for an adjunct instructor to teach the class
- School is able to offer a variety of ATC courses, once teachers are ATC certified





## Advantages of ATC for the College Campus

- Capacity will not be a concern since students take ATC courses at the high school
- Don't have to hire adjunct instructors
- Opportunity to develop working relationships with high school instructors
- No expenses incurred to award ATC credits





## Benefits for Employers

- Builds a pipeline of 21<sup>st</sup> century workers
- Workforce is better qualified and able to adapt to changing needs
- Business and industry partners engaged in education





## Possible Disadvantages

- ATC credit will be held in escrow until the student enrolls at college/ university within 15 months of their high school graduation in order to receive credit
- ATC courses offer no Academic credits only technical
- Students must pass ATC courses with 80% or better in order for credit to be eligible for potential credit
- The high school must have an ATC certified instructor teaching the courses in order for students to receive credit for course



**What does it take to become an  
ATC certified teacher?**





# Minimum Requirements for Teachers

Before you sign up for ATC training, please make sure that you meet the ATC Teacher Requirements.

## ATC Teacher Requirements

**Requirement 1:** The teacher must have a baccalaureate degree or higher with a major in the teaching discipline.

OR

**Requirement 2:** The teacher must have a minimum of an Associate Degree and 3 years of verifiable non-teaching work experience directly related to the teaching discipline.

**Non-degreed individuals will not be eligible for ATC certification.**



Source: [atctexas.org](http://atctexas.org)



# Teacher Eligibility

- If you meet Requirement 1, you must have your official transcripts showing your degree was sent to the ATC Office directly from the college/university.
- If you meet Requirement 2, you must have your official transcripts showing your degree was sent to the ATC Office directly from the college/university. You must also submit full work history information to the ATC Office using the ATC employment Form



<http://www.atctexas.org>



## What happens during ATC Training

Training for the ATC Program takes place in two parts: Part I is a general session; Part II is course-specific.

- **Part I** of ATC training is a two hour general session where the teacher will learn about the ATC Program. Topics include the purpose of the program, the teacher requirements, and how students receive college credit through the program.
- **Part II** of ATC training is a one hour session where teachers meet with a college instructor that teaches the college course equivalent to the high school ATC course. The teacher and the college instructor discuss how the curriculum of the high school course should be modified to match that of the college course. Teachers wishing to be approved for more than one ATC course must attend a separate Part II session for each course.



Source: [atctexas.org](http://atctexas.org)



## Where do I receive Training?

**Part I:** Training session is available online at the ATC website [http://www.atctexas.org/atc\\_prelogin.htm](http://www.atctexas.org/atc_prelogin.htm)

**Part II:** The Part II training is for specific course requests. Since the high school teacher must meet with a college instructor for specific course requests the Part II training is completed **ONLY** in person and in cooperation with an approved ATC facilitator (Tech Prep)

Prepare now if you want to participate next year!





## Two Key Elements for Success

### Advisement

Student must be fully aware that he/she is enrolled in an ATC course

Student needs to understand ATC requirements and how they can “bank” college credits through ATC courses

Student needs to understand how and when they can redeem their “banked” credits (redeem credits at Admissions or College Designee)

### Collaboration

Collaboration between high school and college is important in ensuring students receive credits “banked” upon college enrollment

To ensure course rigor





**Thank you for your participation!**

**Questions?**





# Contact Information

**David Sanchez**

Achieve Texas Advisor

(956) 364-4104

[David.sanchez@harlingen.tstc.edu](mailto:David.sanchez@harlingen.tstc.edu)

**Norma Salazar**

Director of Student Success

(956) 364-4557

[Norma.salazar@harlingen.tstc.edu](mailto:Norma.salazar@harlingen.tstc.edu)

