

Lower Rio Grande P-16  
ECHS Planning Consortium

**The Original Concept  
for Innovative Tech Prep  
ECHS Partnerships**

November 1, 2011

# **1<sup>st</sup> IMPORTANT REMINDER...**

**Applications for designation must  
be submitted individually by  
districts**

**or**

**by a group of districts that partner  
together to form one ECHS.**

## **2<sup>nd</sup> IMPORTANT REMINDER...**

**School districts that are serious about applying for designation need to begin working on their Memoranda Of Understanding (MOU) with their higher education partners immediately, if they are not already doing so.**

## Countdown to Opening ECHS

# Memoranda of Understanding and Agreements

Does the MOU articulate the mission of the school?


Does the MOU delineate roles and responsibilities regarding the program of study, including design and delivery of the instructional program, assessment, and crediting of courses?

Does the MOU define financial arrangements regarding responsibility for expenses including tuition and fees, textbooks, transportation?

Does the MOU define financial arrangements regarding income?

Does the MOU define agreements regarding site selection?

Does the MOU define joint decision making processes?



Does the MOU delineate roles and responsibilities regarding the **program of study**, including design and delivery of the instructional program, assessment, and crediting of courses?

## Countdown to Opening ECHS

# Planning the Program of Study

What courses are necessary for students to meet high school graduation requirements?
What high school courses will be offered?
How many and which courses will offer college credit? Will they be dual enrollment, Advanced Placement, and/or International Baccalaureate courses?
Is the basic four-year course sequence defined in order to provide enough credits to earn a high school diploma and a minimum of 60 college credit hours?
What college courses will be available to ECHS students? Will ECHS students be integrated into college courses with college students?
Does the distribution of courses provide a post-secondary pathway? Does it meet requirements for general or technical majors?
What are the prerequisites for upper-level courses of study?
How will technology be incorporated into the school?
How will the schedule be designed in order to meet the needs of the program of study?
What is the planned sequence of college-level courses? How will students achieve 60 credits?
Will any of the college courses be specially designed or adapted for the ECHS program? If yes, explain. (What is the approval process at the sponsoring post-secondary institution?)
What is the rationale for the sequence of college courses selected and the level and type of substitution of college-level classes for HS classes?


**Does the post-secondary pathway meet requirement for general or technical majors?**

**Does 4-year course sequence include 60 college credit hours?**

## Countdown to Opening ECHS

### Planning the Program of Study (continued)

Will all students take the same college-level program of study, or will the sequence be differentiated based on student's level of academic readiness?
What is the rationale for these choices?
What do students' schedules look like?
What pre-existing college courses were chosen, changed, or adapted as part of the curriculum? What new courses were created?
How does the selected course of study ensure that students are able to meet required state performance standards (e.g. high school graduation test requirements, state university entrance requirements)?
Does the selected course of study give ECHS students an advantage over students enrolled in college preparatory high school program in gaining admission to a public university upon graduation?
What credit do students receive for their college courses? (High school, college, or dual?) If college credit, what type? Are these credits transferable to other colleges?
How does the class size of student's college courses compare to the class size of their non-college classes?
Does the college have or will it consider policies that support early college (e.g. streamlining course approval process, awarding adjunct faculty status)?



**Will all students take the same college-level program of study, or will the sequence be differentiated based on student's level of academic readiness?**


**This brings us to our  
original concept for looking  
into possible innovative  
Tech Prep ECHS  
partnerships**

**Tech Prep  
Programs of Study  
already include  
dual enrollment  
and  
articulated courses.**




# Achieve Texas 6-Yr Plans / Tech Prep Programs of Study

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

 **Achieve Texas**

College: Texas State Technical College  
 Program/CIP: 51.1100.00  
 Plan: Health Professions

Texas State Technical College  
 Associate of Science Degree in Health Professions  
 College Plan


 **Health Science**


ISD/CISD: \_\_\_\_\_  
 Career Cluster: Health Science  
 Career Pathway: Health Professions

High School 4 Year Program					
Subject	9th Grade	10th Grade	11th Grade	12th Grade	1st Sem
English	English 1	English 2	English 3	English 4	English 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 2413 Calculus I
Science	Biology	Chemistry	Physics	4th Science (See your counselor for available courses)	BIOL 1406 Biology for Science Majors I
Humanities	World Geography	World History	US History	US Government and Economy	HPO 1311 Human Relations
Foreign Lang/ Fine Arts	Spanish 1 or Spanish 1 or French	Spanish 2 or Spanish 3 or French	Spanish 3 or French 3	Fine Arts	Huma (6 HR)
Communications/Speech		Communication Applications			
PE/Health	PE	Communication Applications	PE		
Electives					RICH? Physic
Technical Applications					
Dual Enrollment					
ATC					
Related Activities					Medical Assistant Club, HVAC

Courses that are highlighted indicate articulation credits with Texas State Technical College.  
 ISIC has upward-articulation agreements with universities that give students who complete programs at ISIC the option to continue into college.  
 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. Students may change career pathways upon annual review.  
 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 = 0      Expected Graduation Date = \_\_\_\_\_

 **Achieve Texas**

 **Health Science**

College: South Texas College  
 Program/CIP: Health Information Technology / 51.0707  
 Plan: Health Information Technology AAS Degree

ISD/CISD: Weslaco ISD  
 Career Cluster: Health Science  
 Career Pathway: Medical Records

High School 4 Year Program				
Subject	9	10	11	12
	Full Yr	Full Yr	Full Yr	Full Yr
English (4 credits)	English I	English II	English III	English IV
Math (4 credits)	Algebra I	Geometry	Algebra II	Advanced Math
Science (4 credits)	Biology	Chemistry	Physics	Advanced Science
Social Studies (4 credits)	World Geography	World History	US History	Government and Economics
Language (2 credits)	Foreign Language I	Foreign Language II		
Physical Education (1 credit)	Physical Education			
Fine Arts (1 Credit) Speech (1/2 Credit)	Fine Arts/Elective	Speech		
		***Principles of Health Science-PEMS # 1302020 (PRNHLS) and ***Medical Terminology-PEMS # 1302030 (MEDTERM) or Health Science-PEMS # 1302040 (HLTHSC) for HIT 1305		
Tech Prep and CTE Course (5 1/2 Credits)				

College Four-Semester Program				
First Year Summer	Sem. 1	Sem. 2	Sem. 3	Sem. 4
	HENGL 1301 Composition MATH 1414 College Algebra			
Biology 2401 Anatomy & Physiology I	Biology 2402 Anatomy & Physiology II			
			PSYC 2301 General Psychology	
COBC 1301 Microcomputer Applications			BIPOH 1321 Business and Professional Speaking	Humanities/Fine Arts Elective
****HIT 1305 Medical Terminology I	HIT 1303 Health Data Content and Structure	HPRS 2301 Pathophysiology		HIT 2371 Current Procedural Terminology Coding-CPT4
		HIT 2331 Advanced Medical Terminology		HIT 2343 Quality Assessment & Performance Improvement
		HIT 1353 Legal & Ethical Aspects of Health Information	HIT 2395 Coding and Reimbursement Methodologies	HIT 1256 Health Care Statistics
		HIT 1341 Coding & Classification Systems	HIT 1345 Health Care Delivery Systems	HIT 2339 Health Information Organization & Supervision
		HIT 1349 Pharmacology	HIT 2166 Practicum I	HIT 2187 CAPSTONE-Practicum II
				AAS Degree-Health Information Technology

**EXIT POINTS**

**LEGEND:**  
 \* This course is an academic course available through STC dual enrollment.  
 \*\* This course is a technical course available through STC dual enrollment.  
 \*\*\* This course is eligible for ATC credit with STC if taught by a certified High School Instructor.  
 \*\*\*\* This course is a technical course available through ATC credit or Dual Enrollment with STC.  
 NOTE: STC has upward-articulation agreements with universities that give students who complete this AAS degree program the option to continue into a baccalaureate program.

Total Possible college credits completed in high school = 16

ATC Crosswalk with STC Courses	
High School Course	STC Credit Granted
Medical Terminology-PEMS # 1302030 (MEDTERM) and Principles of Health Science-PEMS # 1302020 (PRNHLS) or Health Science-PEMS # 1302040 (HLTHSC)	HIT 1305-Medical Terminology I

# Achieve Texas 6-Year Plans / Tech Prep Programs of Study

Continuing & Professional Education | Distance Education | Library | Jobs | JAGNET

**STC** South Texas College High School Programs and Services

Learn More

Future Students | Current Students | Parents | Visitors | Faculty / Staff

South Texas College > Academic Affairs > High School Programs > Tech Prep > Programs

I'm Looking For...

**Our Department**

- » Staff

**Overview**

- » What is Dual Enrollment?
- » Tuition & Student Fees
- » Application Process
- » Dual Enrollment Manual

**Dual Enrollment Academy Programs**

- » Medical Science Academy - DEMSA
- » Engineering Academy - DEEA
- » Computer Science Academy - DECSA
- » Photo Gallery

**Tech Prep**

- » Overview
- » Achieve Texas 6 Year Plans
- » Requirements

**Other Programs**

- » McCCTI

**Achieve Texas 6 Year Plans**

- Donna I.S.D.
- Edcouch I.S.D.
- Edinburg C.I.S.D
- Hidalgo I.S.D.
- La Joya I.S.D.
- La Villa I.S.D.
- McAllen I.S.D.
- Mercedes I.S.D.
- Mission C.I.S.D.
- Progreso I.S.D.
- PSJA I.S.D.
- Rio Grande City C.I.S.D.
- Roma I.S.D.
- San Isidro I.S.D.

**HOME** **TSTC** Texas State Technical College

En Español | Index A-Z | Request Info

Welcome | Programs | Academics | Admissions | Financial Aid | MyTSTC | Apply Online | Jobs | Calendar

**Office Of Student Success**

- » Welcome Letter
- » Student Success Programs
- » Achieve Texas
- » HATSS Program
- » Mentoring Information
- » SI Tutoring Program
- » Academic Achievement Center

**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.



South Texas College  
**TECH PREP SIX-YEAR PLAN**  
 (Recommended Graduation Plan)



College: South Texas College  
 Program/CIP: Health Information Technology / 51.0707  
 Plan: Health Information Technology AAS Degree

ISD/CISD: Weslaco ISD  
 Career Cluster: Health Science  
 Career Pathway: Medical Records

High School 4 Year Program				
	9	10	11	12
Subject	Full Yr	Full Yr	Full Yr	Full Yr
English (4 credits)	English I	English II	English III	English IV
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Science (4 credits)	Biology	Chemistry	Physics	Advanced Science
Social Studies (4 credits)	World Geography	World History	US History	Government and Economics
Language (2 credits)	Foreign Language I	Foreign Language II		
Physical Education (1 credit)	Physical Education			
Fine Arts (1 Credit) Speech (1/2 Credit)	Fine Arts Elective	Speech		
Tech Prep and CTE Course (5 1/2 Credits)		**Principles of Health Science-PEMS # 13020300 (PRNHLS) and ***Medical Terminology-PEMS # 13020300 (MEDTERM) or Health Science-PEMS # 13020400 (HLTHSC) for HIT 1305		
EXIT POINTS				

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 \* This course is an academic course available through STC dual enrollment.  
 \*\* This course is a technical course available through STC dual enrollment.  
 \*\*\* This course is eligible for ATC credit with STC if taught by a certified High School Instructor.  
 \*\*\*\* This course is a technical course available through ATC credit or Dual Enrollment with STC.  
 NOTE: STC has upward-articulation agreements with universities that give students who complete this AAS degree program the option to continue into a baccalaureate program.  
**Total Possible college credits completed in high school =16**

College Four-Semester Program				
First Year Summer	Sem. 1	Sem. 2	Sem. 3	Sem. 4
	*ENGL 1301 Composition			
	*MATH 1414 College Algebra			
Biology 2401 Anatomy & Physiology I	Biology 2402 Anatomy & Physiology II			
			*PSYC 2301 General Psychology*	
COBC 1301 Microcomputer Applications			SPCH 1321 Business and Professional Speaking	Humanities/Fine Arts Elective
****HIT 1305 Medical Terminology I	HIT 1301 Health Data Codes and Structure	HPRS 2301 Pathophysiology		HITT 2371 Current Procedural Terminology Coding-CPT4
		HITT 2331 Advanced Medical Terminology		HITT 2343 Quality Assessment & Performance Improvement
		HITT 1253 Legal & Ethical Aspects of Health Information	HITT 2335 Coding and Reimbursement Methodologies	HITT 1256 Health Care Statistics
		HITT 1341 Coding & Classification Systems	HITT 1345 Health Care Delivery Systems	HITT 2339 Health Information Organization & Supervision
	HITT 1349 Pharmacology	HITT 2166 Practicum I		HITT 2167: CAPSTONE-Practicum II
				AAS Degree-Health Information Technology

ATC Crosswalk with STC Courses	
High School Course	STC Credit Granted
Medical Terminology-PEMS # 13020300 (MEDTERM) and Principles of Health Science-PEMS # 13020200 (PRNHLS) or Health Science-PEMS # 13020400 (HLTHSC)	HITT 1305-Medical Terminology I

# Questions to Ask

- Is it possible to integrate academic/technical dual enrollment courses and articulated courses to develop an ECHS program of study?
- What college certificate or Associate Degree(s) would be available for your students?

# Questions to Ask

- Will integrating articulated courses into the ECHS programs of study address the IHE capacity concern of not having sufficient teachers with masters to teach ECHS courses?
- What would a 60 college hour ECHS Program of Study with articulated courses look like?

# **Questions to Ask**

- What Tech Programs of Study do you already have in your high schools and would they fit into your ECHS plan?

As you develop your ECHS program of study with your IHE, keep in mind the possible Tech Prep programs of study already in place.

**South Texas ISD  
Potential Partnership  
Model  
Presentation**