



Eagle Pass Independent School District Career and Technical Education

DATE: October 26, 2015
TO: Gilberto Gonzalez, Superintendent
FROM: Ana Laura Castellón, CTE Director *AL Castellón*
RE: SWTJC Articulation Agreement for PLTW Engineering Program

Attached is the Articulation Agreement between the SWTJC and Eagle Pass ISD, to articulate the Project Lead The Way Engineering classes which will provide advanced placement credit to students who successfully complete the PLTW series and who enroll at SWTJC.

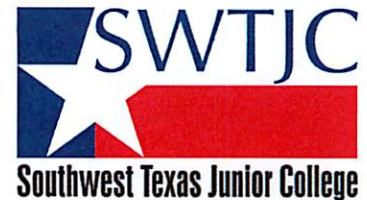
I respectfully request that this item be presented to the EPISD Board of Trustees at the next regular board meeting for approval.

Please call me should you need additional information.

Approval: _____

Samuel Mijares
Samuel Mijares, Deputy Superintendent for Curriculum and Instruction

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www.swtjc.edu



Articulation Agreement between Southwest Texas Junior College and Eagle Pass ISD Project Lead the Way

Recognizing the importance to the region and the State of increasing the number of engineering baccalaureate graduates, and to improve pathways leading to timely graduation, Southwest Texas Junior College is pleased to enter into this articulation agreement with Eagle Pass ISD Project Lead the Way in which Southwest Texas Junior College will provide advanced placement credit to students who successfully complete a selected series of Project Lead the Way courses while enrolled in secondary education and who enroll at Southwest Texas Junior College.

Project Lead the Way transcribed credit at Southwest Texas Junior College will be provided as follows:

1. Students who have successfully completed PLTW Introduction to Engineering Design and Principles of Engineering by passing both End of Course Exams with a score of 6 or higher will be given credit for ENGR 1201 - Introduction to Engineering.
2. Students who have successfully completed PLTW Introduction to Engineering Design, Principles of Engineering, and one of the following PLTW specialization courses by passing all three End of Course exams with a score of 6 or higher:
 - a. Digital Electronics
 - b. Aerospace Engineering
 - c. Biotechnical Engineering
 - d. Civil Engineering and Architecture
 - e. Computer Integrated Manufacturing,will be given credit for ENGR 1204 - Engineering Graphics in addition to ENGR 1201 - Introduction to Engineering.
3. The high school PLTW program must have current certification from PLTW, granted through the Ingenuity Center or other representative PLTW body, at the time of each course completion.

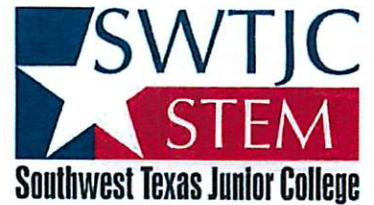
To receive credit, the student must first complete six semester credit hours of coursework at SWTJC. Credit may then be requested within three years of high school graduation by submitting copies of PLTW stanine scores, an official high school transcript, and the SWTJC PLTW Advanced Placement Request form to the college's Outreach Office. These credits articulate to courses offered at Southwest Texas Junior College and do not replace or override any other admission criteria required by Southwest Texas Junior College. This articulation agreement will be effective commencing with the 2015 - 2016 academic year.

Gilberto Gonzalez
Superintendent - Eagle Pass ISD

Date: _____

Dr. Hector Gonzalez
President - SWTJC

Date: _____



October 26th, 2015

To Principal Jesus Diaz-Wever:

Southwest Texas Junior College was recently awarded a U. S. Department of Education grant totaling over one million dollars to start a pre-engineering program in our service area. The grant is in conjunction with Angelo State University that will develop its first engineering program at the same time. Beginning this fall, SWTJC will offer an Associate of Science in Engineering Science degree that will articulate fully with engineering programs at major universities around the state.

To help facilitate the transition of interested engineering students at your high school to our engineering program, and to improve pathways leading to timely graduation, Southwest Texas Junior College is wanting to provide advanced placement credit to students who successfully complete a selected series of Project Lead the Way courses while enrolled in secondary education and who enroll at Southwest Texas Junior College.

Students will be required to submit the included Advanced Placement Request Form along with their official PLTW stanine scores - PLTW stanine scores are currently only provided to high school principals. As such, we ask for your cooperation in providing said scores in copy form as required. In the near future, this step in the process might not be needed as PLTW has partnered with the College Board and will undoubtedly provide official scores electronically.

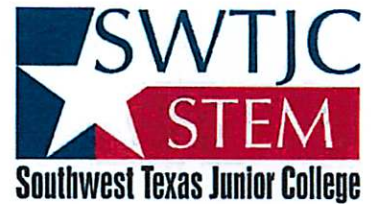
As the STEM Outreach Coordinator, I will help implement and promote the agreement at your campus while also working closely with your CTE Department and PLTW instructors. I believe this agreement will be a great boon to both our programs and our community as we begin producing a new generation of engineers. I wholeheartedly look forward to working with you and your campus.

Sincerely,

A handwritten signature in blue ink that reads "Oscar Gaytan".

Oscar Gaytan
STEM Outreach Coordinator
Southwest Texas Junior College
Eagle Pass Campus
830-758-4134
oegaytan@swtjc.edu

3101 Bob Rogers Drive • Eagle Pass, Texas 78852
Main phone: (830) 758-4100 • Fax: (830) 758-4110
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October 26th, 2015

To Principal Vale Moreno:

Southwest Texas Junior College was recently awarded a U. S. Department of Education grant totaling over one million dollars to start a pre-engineering program in our service area. The grant is in conjunction with Angelo State University that will develop its first engineering program at the same time. Beginning this fall, SWTJC will offer an Associate of Science in Engineering Science degree that will articulate fully with engineering programs at major universities around the state.

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As the STEM Outreach Coordinator, I will help implement and promote the agreement at your campus while also working closely with your CTE Department and PLTW instructors. I believe this agreement will be a great boon to both our programs and our community as we begin producing a new generation of engineers. I wholeheartedly look forward to working with you and your campus.

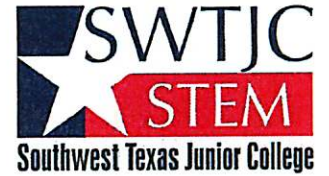
Sincerely,

A handwritten signature in blue ink that reads "Oscar Gaytan".

Oscar Gaytan
STEM Outreach Coordinator
Southwest Texas Junior College
Eagle Pass Campus
830-758-4134
oegaytan@swtjc.edu



Southwest Texas Junior College
Project Lead the Way
Advanced Placement Request Form



Student Name		SS #
Address		Cell phone
City		Home phone
State	Zip	E-mail
Anticipated Graduation Date		Student ID

- Have you completed Dual Credit courses with SWTJC? Yes. No.
- Do you plan on attending SWTJC after graduation? Yes. No.
- Will you be pursuing an Associate of Science in Engineering? Yes. No.
- Have you submitted your high school transcript? Yes. No.

Please checkmark what PLTW courses you have taken.

- Introduction to Engineering Design
- Principles of Engineering
- Digital Electronics
- Aerospace Engineering
- Biotechnical Engineering
- Civil Engineering and Architecture
- Computer Integrated Manufacturing

Official PLTW stanine scores required. Please request for them to be submitted.