

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY
AND
SOUTH TEXAS COLLEGE

Articulation Agreement
Associate of Mechanical Engineering (STC)
Bachelor of Mechanical Engineering (UTRGV)

This AGREEMENT, effective the 10th day of January 2020, is between The University of Texas Rio Grande Valley (“UTRGV”), a component institution of The University of Texas System, and South Texas College (“STC”), a College having its principal office in McAllen, Texas.

WHEREAS, UTRGV and STC desire to implement an Articulation to provide students enrolled at STC with an opportunity to smoothly transition to and further their educational opportunity at UTRGV.

WHEREAS, students declaring Mechanical Engineering as their major at STC and successfully completing the courses outlined below is an indicator to UTRGV that the student has completed the appropriate courses, received the necessary instructions and preparation, and that similar knowledge, skills, and student learning outcomes can be expected, enabling the student’s progression to the upper division course sequence or requirement at UTRGV,

NOW, THEREFORE, in consideration of the mutual promises herein, the parties agree to the following:

1.0 Term

This agreement shall be effective for two years from the date of its execution, upon revisions mandated by state requirements, or until a new agreement is created. The agreement may be renewed upon the mutual written approval of The University of Texas Rio Grande Valley and South Texas College.

2.0 Courses of Study

UTRGV’s Mechanical Engineering Department will accept the complete set of lower division courses from a student who successfully completes courses outlined below from STC and is admitted to UTRGV.

- All STC courses transferred to UTRGV shall be part of the *Lower Division Academic Course Guide Manual* issued by the Texas Higher Education Coordinating Board.
- For the UTRGV **Bachelor of Mechanical Engineering**, the following STC **Associate of Mechanical Engineering** field of study electives will satisfy degree requirements as follows:

<u>STC</u>		<u>UTRGV</u>	
ENGR 1201	Introduction to Engineering	MECE 1101	Introduction to Mechanical Engineering
ENGR 1304	Engineering Graphics	MECE 1221	Engineering Graphics
ENGR 2301	Statics	MECE 2301	Statics
ENGR 2302	Dynamics	MECE 2302	Dynamics
ENGR 2405	Electrical Circuits I	ELEE 2317	Electrical/Electronic Systems
CHEM 1409	Chemistry for Engineering Majors	CHEM 1309/1109	Chemistry for Engineers
MATH 2414	Calculus II	MATH 2414	Calculus II
MATH 2415	Calculus III and MATH 2418 Linear Algebra	MECE 3449	Mechanical Engineering Analysis I

- 2.1 In accordance with Sec 61.822 of the Texas Education Code, a student who successfully completes courses in the STC core curriculum will receive academic credit at UTRGV for each of the core courses transferred. However, there are circumstances where additional classes are required by the major even when core is complete.
- 2.2 Transfer students must apply for admission and meet requirements to UTRGV and the B.S. in Mechanical Engineering. Transfer students are encouraged to complete their A.S. in Engineering at STC prior to completion of their first semester of study at UTRGV. STC and UTRGV faculty will work with students to help promote the completion of the Associates degree in a timely fashion.
- 2.3 This Articulation Agreement will be published and provided as a transfer guide during academic advisement at STC.

3.0 Designated Liaison

Each institution designates the following officials to serve as its liaison to coordinate and facilitate activities under this Articulation Agreement and to address any concerns or disputes that may arise relating to the terms and conditions of this Articulation Agreement.

South Texas College:

Dr. Ravindra Nandigam
Chair, Physical Science, Chemistry, and Engineering Dept.

The University of Texas Rio Grande Valley:

Dr. Robert A. Freeman
Chair, Mechanical Engineering Dept.

Executed by the undersigned representatives of the two institutions on January 10, 2020.

APPROVED:

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

SOUTH TEXAS COLLEGE

Dr. Patricia Alvarez-McHatton
Executive Vice President for Academic Affairs

Dr. Anahid Petrosian
Vice President for Academic Affairs

Dr. Ala Qubbaj
Dean, College of Engineering and Computer Science

Dr. Ali Esmaeili
Dean, Math, Science, and Bachelors Programs