

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY  
AND  
SOUTH TEXAS COLLEGE

Articulation Agreement  
Associate in Manufacturing Engineering (STC)  
Bachelor of Manufacturing Engineering (UTRGV)

This AGREEMENT, effective the 10<sup>th</sup> 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 Manufacturing 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 College of Engineering and Computer Science 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 Manufacturing Engineering**, the following STC **Associate in Manufacturing Engineering** field of study electives will satisfy degree requirements as follows:

STC

ENGR 1201 Introduction to Engineering  
ENGR 1304 Engineering Graphics  
ENGR 2301 Statics *and*  
ENGR 2302 Dynamics *or*  
ENGR 2303 Statics & Dynamics  
ENGR 2405 Electrical Circuits I  
CHEM 1409 Chemistry for Engineering Majors  
MATH 2414 Calculus II  
MATH 2415 Calculus III  
MATH 2420 Differential Equations

UTRGV

MANE 1101 Intro. to Manufacturing Engineering  
MANE 1204 Engineering Graphics  
  
MANE 2403 Engineering Mechanics  
ELEE 2317 Electrical/Electronic Systems  
CHEM 1309/1109 Chemistry for Engineers  
MATH 2414 Calculus II  
MATH 2415 Calculus III  
MATH 3341 Differential Equations

- 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 Engineering College. 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. Rajiv Nambiar  
Chair, Manufacturing and Industrial 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

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Dr. Anahid Petrosian  
Vice President for Academic Affairs

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

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