

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY  
AND  
SOUTH TEXAS COLLEGE

Articulation Agreement  
B.S. in Manufacturing Engineering

This AGREEMENT, effective the 12<sup>th</sup> of December 2016, 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, successful completion of an academic associate degree at STC 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 executive or upon revisions mandated by state requirements. 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 Manufacturing and Industrial Engineering Department will accept the complete set of lower division courses from a student who receives an A.S. in Engineering from STC and is admitted to UTRGV.

- The total number of transfer hours will be capped at half the required credit hours needed to earn a B.S. in Manufacturing Engineering unless otherwise approved by the receiving institution’s department chair.
- 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 B.S. in Manufacturing Engineering, the following STC A.S. in Engineering field of study electives will transfer 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 1411 General Chemistry I

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 1311/1111 General Chemistry *or*  
CHEM 1307/1107 Chemistry for Engineers  
MATH 2414 Calculus II  
MATH 1415 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.
- 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 both institutions.

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. Enriqueta Cortez  
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 December 12, 2016

APPROVED:

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

SOUTH TEXAS COLLEGE

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Dr. Havidán Rodriguez  
Provost/Executive Vice President for Academic Affairs

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Dr. Anahid Petrosian  
Vice President for Academic Affairs

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

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Dr. Alexander Domijan, Jr.  
Dean, College of Engineering and Computer Science