

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY
AND
SOUTH TEXAS COLLEGE

Articulation Agreement
B.S. in Civil Engineering

This AGREEMENT, effective the 12th 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 Civil 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 Civil 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 Civil Engineering, the following STC A.S. in Engineering field of study electives will transfer as follows:

STC

ENGR 1304 Engineering Graphics
ENGR 2301 Statics
ENGR 2302 Dynamics
GEOL 1404 Physical Geology
CHEM 1411 General Chemistry I

MATH 2414 Calculus II
MATH 2415 Calculus III
MATH 2450 Differential Equations

UTRGV

MECE 1221 Engineering Graphics
MECE 2301 Statics
MECE 2302 Dynamics
GEOL 1404 Physical Geology
CHEM 1311/1111 General Chemistry *or*
CHEM 1307/1107 Chemistry for Engineers
MATH 2414 Calculus II
MATH 2415 Calculus III
MATH 3349 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 B.S. in Civil 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 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.

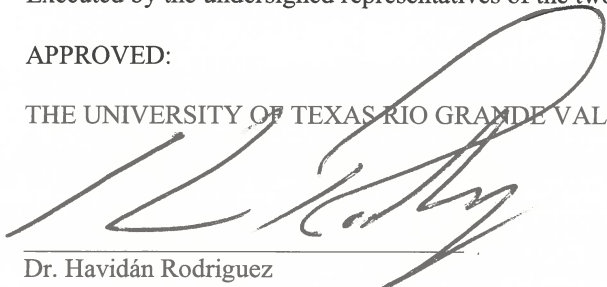
The University of Texas Rio Grande Valley:

Dr. Andrew Ernest
Chair, Civil Engineering Dept.

Executed by the undersigned representatives of the two institutions on December 12, 2016

APPROVED:

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY



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

SOUTH TEXAS COLLEGE



Dr. Anahid Petrosian
Vice President for Academic Affairs



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



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

The University of Texas Rio Grande Valley/South Texas College
Suggested Four-Year Road Map for Transfer Students, Academic Year 2016-2017

This Road Map is a tool to assist you and your advisor in planning your academic program.
 Use it along with your department's official degree plan.

Degree: BS Major: Civil Engineering					
		Hours	First Year - Spring Semester - STC	Hours	
ENGL 1301	Composition	3	ENG 1302	Composition II - Rhetoric	3
HIST 1301	U.S. History I	3	PHYS2425	University Physics I	4
MATH 2413	Calculus I	4	ENGR 1304	Engineering Graphics	3
CHEM 1411	General Chemistry I	4	MATH 2414	Calculus II	4
ENGR 1201	Introduction to Engineering	2			
Total Fall Semester Hours		16	Total Spring Semester Hours		14
Second Year - Fall Semester - STC		Hours	Second Year - Spring Semester - STC		Hours
HIST 1302	U.S. History II	3			
MATH 2415	Calculus III	4	PHYS 2426	University Physics II	4
GOVT 2305	Federal Government	3	GOVT 2306	Texas Government	3
	Creative Arts Elective	3	MATH 2420	Differential Equations*	4
ENGR 2301	Statics	3	ENGR 2302	Dynamics	3
Total Fall Semester Hours		16	Total Spring Semester Hours		14
Summer I			Summer II		
GEOL 1404	Phys. Geology (recommended before transfer)	4	PHIL2306	Introduction to Ethics	3
Total Summer I Hours		4	ECON 2301	Principles of Economics I Macro	3
			Total Summer II Hours		6
Third Year - Fall Semester - UTRGV		Hours	Third Year - Spring Semester - UTRGV		Hours
CIVE 3252	Civil Engineering Systems Analysis	2	MANE 2332	Engineering Statistics	3
CIVE 2220	Civil Engineering Measurements	2	CIVE 3324	Structural Analysis	3
CIVE 2240	Materials of Construction	2	CIVE 3331	Environmental Engineering	3
MECE 3321	Mechanics of Solids	3	MECE 2350	Numerical Methods for Engineers	3
CIVE 3315	Fluid Mechanics & Hydraulics	3	CIVE 3345	Transportation Engineering	3
CIVE 3115	Fluid Mechanics & Hydraulics Lab	1			
Total Fall Semester Hours		13	Total Spring Semester Hours		15
Summer I (before Third year Fall)			Summer II		
MECE 2140	Engineering Materials Lab	1			
MECE 2340	Engineering Materials	3			
Total Summer I Hours		4	Total Summer II Hours		0
Fourth Year Fall Semester - UTRGV		Hours	Fourth Year Spring Semester - UTRGV		Hours
TECH Elective (43 xx)		3	CIVE 4335	Water Resources Engineering	3
CIVE 3341	Structural Steel Design	3	CIVE 4290	Civil Engineering Design Project II	2
CIVE 3475	Geotechnical Engineering & Application	4	TECH ELEC (43xx or CIVE 3300)		3
CIVE 4315	Applied Hydrology	3	CIVE 4346	Reinforced Concrete Design	3
CIVE 4190	Civil Engineering Design Project I	1	CIVE 4349	Constructional Planning & Management	3
Total Fall Semester Hours		14	Total Spring Semester Hours		14

This degree requires a Minor, 129 total degree hours, and 42 advanced hours (3000-4999 level).

Total Degree Hours	####
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Updated 6/10/2016

*This class substitutes ENGR 2305 Electrical Circuits I in the STC degree plan. This substitution will only be allowed for students transferring to the UTRGV Civil Engineering Program. All other requests for this substitution will be denied.

* Demonstration of second language proficiency is a requirement of all degrees at UTRGV