



THE CITADEL

AGREEMENT BETWEEN
THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

I-INTRODUCTION

This agreement establishes a formal academic transfer mechanism between Midlands Technical College and The Citadel. Its purpose is to promote and facilitate the transfer of academic credit for specified courses taken by students while enrolled at Midlands Technical College who desire to transfer into one of the baccalaureate engineering degree programs offered through The Citadel's degree completion program. As such, the agreement provides the opportunity to achieve an undergraduate engineering education throughout both the Midlands and the Lowcountry of South Carolina.

II-TERMS OF THE AGREEMENT

Under the terms of this agreement, Midlands Technical College agrees to join with The Citadel in a mutual effort to provide enhanced engineering education opportunities for their students. This will enable academically qualified students to pursue a Bachelor of Science degree in civil engineering, computer engineering, construction engineering, electrical engineering, and mechanical engineering subsequent to the completion of their studies at Midlands Technical College. Midlands Technical College agrees to provide courses that are academically equivalent to the lower division requirements [i.e., freshman and sophomore levels] of The Citadel's Bachelor of Science in Civil Engineering, Bachelor of Science in Computer Engineering, Bachelor of Science in Construction Engineering, Bachelor of Science in Electrical Engineering, and Bachelor of Science in Mechanical Engineering. Offering of courses is subject to the proviso that such course offerings can be economically justified through sufficient student enrollment at each of the respective institutions.

The Citadel's Departments of Civil and Environmental Engineering, Electrical and Computer Engineering and Mechanical Engineering agree that whenever any of the courses listed on Attachment I, Attachment II, Attachment III, Attachment IV, and Attachment V (respectively) are taught at Midlands Technical College by suitable qualified faculty members, such courses shall be judged as academically equivalent to the corresponding course contained in the first two years of the respective engineering curricula taught at The Citadel (i.e., its lower division requirements).

This agreement shall become effective on the first day of the Summer 2020 semester. It shall be jointly reviewed annually by representatives of each institution, prior to the anniversary date of the agreement. The review shall be conducted at the dean, department head and course director levels for engineering courses and at the dean and

department head levels for non-engineering courses. The respective registrars shall also participate in the reviews. Continuing coordination between annual reviews shall be encouraged.

The purpose of the annual review shall be to ensure that the academic content of all courses offered by Midlands Technical College are comparable to the corresponding courses offered by The Citadel. These include not only those specifically taught by the Departments of Civil and Environmental Engineering, Electrical and Computer Engineering, and Mechanical Engineering but also those taught by supporting departments at The Citadel, as these courses constitute an integral part of The Citadel's general education curriculum. Successful completion of this general education curriculum is an absolute requirement for all students graduating from The Citadel.

The Civil Engineering, Electrical Engineering, and Mechanical Engineering Bachelor of Science degree programs offered by The Citadel through its degree completion program are accredited by the Engineering Accreditation Commission of the Accrediting Board for Engineering and Technology (ABET), <http://www.abet.org>. The Construction Engineering program will be visited by ABET fall 2020 and we expect positive results in August 2021. As soon as we have the first graduate of the Computer Engineering program, we will submit immediately for ABET initial accreditation (expect by 2024). Comprehensive periodic reviews specified herein are essential in maintaining ABET accreditation for these engineering programs.

In support of The Citadel's accreditation and a periodic review, Midlands Technical College agrees to provide The Citadel with materials for course files to be maintained at The Citadel. These files will contain, as a minimum, the following materials for each engineering course listed in Attachment I, Attachment II, Attachment III, Attachment IV, and Attachment V taught at Midlands Technical College.

Instructor's name and credentials (highest degree and experience)

Identification of the textbook

Course syllabus

Sample test*

Sample assignment sheets*

Sample homework problems*

Sample lab problems, if applicable*

* Blank samples, not actual student work. Graded student work may be required based on ABET requirements.

These files will be established prior to a course being taught at Midlands Technical College and will be updated when changes in a course occur. A review of the files will be a part of the annual review called for by this agreement. In the event that an accreditation issue arises that needs to be addressed, representatives of Midlands Technical College and The Citadel will work together to resolve the issue.

Also in support of The Citadel's ABET accreditation, Midlands Technical College agrees that engineering courses accepted by them for transfer from other institutions of higher education will only be those administered within an ABET accredited engineering program or a program verified to routinely transfer courses into an ABET accredited engineering program.

III-DUTIES & RESPONSIBILITIES

Midlands Technical College agrees that faculty teaching those courses which are part of this transfer agreement will have completed at least eighteen graduate semester hours in the teaching discipline and hold at least a master's degree. When requested, The Citadel will assist Midlands Technical College in locating and obtaining such qualified faculty members as may be required to fully implement their on-site course offerings.

The Citadel agrees that students enrolled in good standing at Midlands Technical College who have a cumulative GPA of at least 2.0 and no grade less than "C" in curriculum courses outlined in this agreement, and who are not otherwise ineligible to attend The Citadel for disciplinary or behavioral reasons, are assured of acceptance into the civil engineering, computer engineering, construction engineering, electrical engineering, or mechanical engineering programs offered by The Citadel through its Graduate College.

Students from Midlands Technical College who wish to continue their studies in any of The Citadel's transfer Bachelor of Science engineering programs must make formal application for admission to The Citadel prior to their official acceptance into that program. Midlands Technical College students who have less than a 2.8 cumulative GPA should be advised that they may be at high risk in the upper division courses (junior and senior level).

Upon successful completion of the approved curriculum at The Citadel, Midlands Technical College transfer students shall be awarded either a Bachelor of Science in Civil Engineering degree, a Bachelor of Science in Computer Engineering, a Bachelor of Science in Construction Engineering a Bachelor of Science in Electrical Engineering degree, or a Bachelor of Science in Mechanical Engineering degree from The Citadel.

Midlands Technical College shall designate appropriate members of their faculty as student advisors to counsel and assist students enrolled in the program for eventual transfer to The Citadel's transfer engineering programs. The Citadel's Civil and Environmental Engineering, Electrical and Computer Engineering, and Mechanical Engineering department heads shall assist and cooperate in the advisement process as required to ensure close liaison with Midlands Technical College.

IV- TERMINATION

Either institution may terminate its participation by submitting written notification to the other institution at least three months prior to termination, but subject to the proviso that such termination shall not become effective until the end of the then current academic semester at the terminating member's institution. Students currently enrolled at Midlands Technical College or The Citadel will be given up to four academic years to complete their program of study.

V- AMENDMENTS TO THIS AGREEMENT

The Citadel and Midlands Technical College agree that this agreement constitutes the sole, full and complete agreement among these institutions. No amendments, changes, additions, deletions, or modifications to or of this agreement shall be valid unless reduced to writing, signed by each institution's representative, and attached to this document.

APPROVED

For The Citadel:



Glenn M. Walters, President

10/2/2020
Date

For Midlands Technical College:



Ronald L. Rhames, President

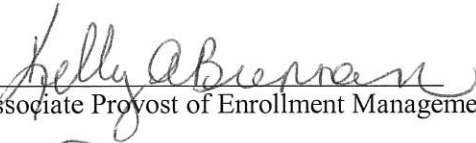
9/27/2020
Date

ACKNOWLEDGED

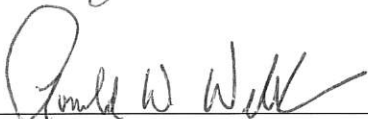
For The Citadel:



Provost/Dean of the College




Associate Provost of Enrollment Management



Dean School of Engineering



Head, Department of Civil and Environment Engineering



Head, Department of Electrical and Computer Engineering



Head, Department of Mechanical Engineering

ACKNOWLEDGED

For Midlands Technical College:

Barrie Kirk
Barrie Kirk (Sep 4, 2020 11:22 EDT)

Provost

Diane Carr
Diane Carr (Sep 2, 2020 16:26 EDT)

Vice Provost

Deni Henson
Associate Vice Provost

[Signature]
Dean of STEM

Christina M. Joseph
Department Chair, Engineering Technologies and Engineering Transfer

ATTACHMENT I



THE CITADEL
SCHOOL OF ENGINEERING

TRANSFER PROGRAM IN CIVIL ENGINEERING
BETWEEN
THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

FRESHMAN YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>Second Term</u>	
<u>The Citadel</u>			<u>Midlands TC</u>	<u>The Citadel</u>		<u>Midlands TC</u>
ENGL	101 (3)	ENG 101 (3)	ENGL (a)	(3)	ENG (3)	
CHEM	151 (3)	CHM 110 (4)	CHEM	152 (3)	CHM 111 (4)	
CHEM LAB	161 (1)		CHEM LAB	162 (1)		
MATH	131 (4)	MAT 140 (5)	MATH	132 (4)	MAT 141 (4)	
HIST (b)	(3)	HIS (3)	Hum/FA (c)	(3)	(3)	
CIVL	101 (2)	EGR 275 (3)	CIVL	103 (1)	EGR 270 (3)	

SOPHOMORE YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>Second Term</u>	
<u>The Citadel</u>			<u>Midlands TC</u>	<u>The Citadel</u>		<u>Midlands TC</u>
COMM	260(3)	ENG 160 (3)	Social Sci (d)	2XX(3)	2XX (3)	
PHYS	221(3)	PHY 221 (4)	BIOL	101 (3)	BIO 101 (4)	
PHYS LAB	271(1)		BIOL LAB	111(1)		
CIVL	210(3)	EGR 281 (3)	CIVL	208(3)	EGR 286 (3)	
CIVL	205(3)	EGR 285 (3)	CIVL	239(1)	EGR 296 (1)	
CIVL	235(1)	EGR 295 (1)	CIVL	202 (3)	EGR 260 (3)	
MATH	231 (4)	MAT 240 (4)	MATH	234 (3)	MAT 242 (4)	

Notes:

1. Any three credit English course ENG 102 and above, but not public speaking.
2. Any 3 credit hour history course (HIS 101) or above.
3. One of the following equivalent courses will satisfy the Humanities/Fine Arts course requirement: English classes beyond ENG 101 (but not public speaking), Foreign Language classes 200-level or higher, Fine Arts classes, History Classes.
4. One of the following equivalent courses will satisfy Social/Behavioral Science course requirement: Psychology, Sociology, Political Science (American Government and similar classes), Economics (Macro/Micro), Anthropology.

ATTACHMENT II



THE CITADEL
SCHOOL OF ENGINEERING

TRANSFER PROGRAM IN ELECTRICAL ENGINEERING
BETWEEN
THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

FRESHMAN YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>	
ENGL	101 (3)	ENG 101 (3)	ENGL (b)	(3)	ENG (3)				
CHEM (a)	151 (3)	CHM 110 (4)	CHEM (a)	152 (3)	CHM 111 (4)				
CHEM LAB	161 (1)	MAT 140 (4)	CHEM LAB	162 (1)	MAT 141 (4)				
MATH	131 (4)	HIS (3)	MATH	132 (4)	(3)				
HIST (c)	(3)	EGR 269 (2)	Hum/FA (d)	(3)					
ELEC	106 (3)	& EGR 275 (3)							

SOPHOMORE YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>	
COMM	260(3)	ENG 160 (3)	Social Sci (e)	2XX(3)	2XX (3)				
PHYS	221(3)	PHY 221 (4)	PHYS	222(3)	PHY 222 (4)				
PHYS LAB	271(1)	MAT 240 (4)	PHYS LAB	272(1)	MAT 242 (4)				
MATH	231(4)	ECE 221 (3)	MATH	234(4)	ECE 222 (3)				
ELEC	201(3)	EGR 281 (3)	ELEC	202(3)	ECE 205 (3)				
ELEC	206(3)	& EGR 274 (3)	ELEC	204(1)					

Notes:

- Can substitute a two course sequence in Biology (BIO 101 and 102)
- Any three credit English course ENG 102 and above, but not public speaking.
- Any 3 credit hour history course (HIS 101) or above.
- One of the following equivalent courses will satisfy the Humanities/Fine Arts course requirement: English classes beyond ENG 101 (but not public speaking), Foreign Language classes 200-level or higher, Fine Arts classes, History Classes.
- One of the following equivalent courses will satisfy Social/Behavioral Science course requirement: Psychology, Sociology, Political Science (American Government and similar classes), Economics (Macro/Micro), Anthropology.

ATTACHMENT III



THE CITADEL
SCHOOL OF ENGINEERING

TRANSFER PROGRAM IN MECHANICAL ENGINEERING
BETWEEN

THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

FRESHMAN YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>	
ENGL	101 (3)	ENG 101 (3)	ENGL (a)	(3)	ENG (3)				
CHEM	151 (3)	CHM 110 (4)	BIOL	101 (3)	BIO 101 (4)				
CHEM LAB	161 (1)	MAT 140 (4)	BIOL LAB	111 (1)	MAT 141 (4)				
MATH	131 (4)	HIS (3)	MATH	132 (4)	(3)				
HIST (b)	(3)	EGR 269 (2)	Hum/FA (c)	(3)	EGR 281 (3)				
MECH	101 (1)		MECH	102 (2)	& EGR 274 (3)				

SOPHOMORE YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>	
COMM	260(3)	ENG 160 (3)	Social Sci (d)	2XX(3)	2XX (3)				
PHYS	221(3)	PHY 221 (4)	PHYS	222(3)	PHY 222 (4)				
PHYS LAB	271(1)	MAT 240 (4)	PHYS LAB	272(1)	MAT 242 (4)				
MATH	231(4)	ECE 221 (3)	MATH	234(4)	ECE 222 (3)				
ELEC	201(3)	EGR 260 (3)	ELEC	202(3)	ECE 205 (3)				
CIVL	202(3)		ELEC	204(1)	EGR 262 (3)				
			CIVL	203 (3)					

Notes:

- Any three credit English course ENG 102 and above, but not public speaking.
- Any 3 credit hour history course (HIS 101) or above.
- One of the following equivalent courses will satisfy the Humanities/Fine Arts course requirement: English classes beyond ENG 101 (but not public speaking), Foreign Language classes 200-level or higher, Fine Arts classes, History Classes.
- One of the following equivalent courses will satisfy Social/Behavioral Science course requirement: Psychology, Sociology, Political Science (American Government and similar classes), Economics (Macro/Micro), Anthropology.

ATTACHMENT IV



THE CITADEL
SCHOOL OF ENGINEERING

TRANSFER PROGRAM IN CONSTRUCTION ENGINEERING
BETWEEN
THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

FRESHMAN YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>			
ENGL	101	(3)	ENG	101	(3)	ENGL (a)	(3)	ENG	(3)		
CHEM	151	(3)	CHM	110	(4)	CHEM	152	(3)	CHM	111	(4)
CHEM LAB	161	(1)				CHEM LAB	162	(1)			
MATH	131	(4)	MAT	140	(4)	MATH	132	(4)	MAT	141	(4)
HIST (b)	(3)		HIS	(3)		Hum/FA (c)	(3)		(3)		
CIVL	101	(2)	EGR	275	(3)	CIVL	103	(1)	EGR	270	(3)

SOPHOMORE YEAR

<u>The Citadel</u>		<u>First Term</u>	<u>Midlands TC</u>		<u>The Citadel</u>		<u>Second Term</u>	<u>Midlands TC</u>			
COMM	260	(3)	ENG	160	(3)	Social Sci (d)	2XX	(3)	2XX	(3)	
PHYS	221	(3)	PHY	221	(4)	BIOL	101	(3)	BIO	101	(4)
PHYS LAB	271	(1)				BIOL LAB	111	(1)			
CIVL	210	(3)	EGR	281	(3)	CIVL	208	(3)	EGR	286	(3)
CIVL	205	(3)	EGR	285	(3)	CIVL	239	(1)	EGR	296	(1)
CIVL	235	(1)	EGR	295	(1)	CIVL	202	(3)	EGR	260	(3)
MAT /SCI (e)	XXX	(3 or 4)	XXX	(3 or 4)		BADM	211	(3)	ACC	101	(3)

Notes:

- Any three credit English course ENG 102 and above, but not public speaking.
- Any 3 credit hour history course (HIS 101) or above.
- One of the following equivalent courses will satisfy the Humanities/Fine Arts course requirement: English classes beyond ENG 101 (but not public speaking), Foreign Language classes 200-level or higher, Fine Arts classes, History Classes.
- One of the following equivalent courses will satisfy Social/Behavioral Science course requirement: Psychology, Sociology, Political Science (American Government and similar classes), Economics (Macro/Micro), Anthropology.
- Math or Science elective: AST 101, PHY222, MAT 240, MAT 242, or approved by Citadel CE department head.

ATTACHMENT V



THE CITADEL
SCHOOL OF ENGINEERING

TRANSFER PROGRAM IN COMPUTER ENGINEERING
BETWEEN
THE CITADEL
AND
MIDLANDS TECHNICAL COLLEGE

FRESHMAN YEAR

	First Term			Second Term	
<u>The Citadel</u>		<u>Midlands TC</u>		<u>The Citadel</u>	<u>Midlands TC</u>
ENGL	101 (3)	ENG 101 (3)		ENGL (b) (3)	ENG (3)
CHEM (a)	151 (3)	CHM 110 (4)		CHEM (1) 152 (3)	CHM 111 (4)
CHEM LAB	161 (1)			CHEM LAB 162 (1)	
MATH	131 (4)	MAT 140 (4)		MATH 132 (4)	MAT 141 (4)
HIST (c)	(3)	HIS (3)		Hum/FA (d) (3)	(3)
ELEC	106 (3)	ECE 269 (2) & EGR 275 (3)			

SOPHOMORE YEAR

	First Term			Second Term	
<u>The Citadel</u>		<u>Midlands TC</u>		<u>The Citadel</u>	<u>Midlands TC</u>
COMM	260(3)	ENG 160 (3)		CSCI 201(3)	EGR 283 (4)
PHYS	221(3)	PHY 221 (4)		PHYS 222(3)	PHY 222 (4)
PHYS LAB	271(1)			PHYS LAB 272(1)	
CSCI	202(3)	EGR 281 (4)		MATH 234(4)	MAT 242 (4)
ELEC	201(3)	ECE 221 (3)		ELEC 202(3)	ECE 222 (3)
Social Sci (e)	2XX(3)	2XX (3)		ELEC 204(1)	ECE 205 (3)

Notes:

- Can substitute a two course sequence in Biology (BIO 101 and 102)
- Any three credit English course ENG 102 and above, but not public speaking.
- Any 3 credit hour history course (HIS 101) or above.
- One of the following equivalent courses will satisfy the Humanities/Fine Arts course requirement: English classes beyond ENG 101 (but not public speaking), Foreign Language classes 200-level or higher, Fine Arts classes, History Classes.
- One of the following equivalent courses will satisfy Social/Behavioral Science course requirement: Psychology, Sociology, Political Science (American Government and similar classes), Economics (Macro/Micro), Anthropology.