

Appendix B: Curriculum Plan for Undergraduate Articulation Agreement

Southwestern Community College
Associate of Applied Science in Civil Engineering Technology
and
Western Carolina University
Bachelor of Science in Construction Management

This articulation agreement between Southwestern Community College and Western Carolina University allows graduates of the AAS in Civil Engineering Technology program at SCC to transfer credit towards a Bachelor of Science in Construction Management at Western Carolina University. Upon transfer to Western Carolina University, students from SCC must comply with all applicable Academic Regulations as listed in *The Record*, The WCU Undergraduate Catalog.

Partner Institutions and Contact Information

Institution	Contact Person	Email or phone
Southwestern Community College	Jeanette White, CIV Program Coordinator	J_white@southwesterncc.edu or 828-339-4427
Southwestern Community College	Mark Ellison, Student Support Services	m_ellison@southwesterncc.edu or 828-339-4229
Western Carolina University	George Ford, Associate Professor	gford@email.wcu.edu or 828-227-2519
Western Carolina University	Director of Undergraduate Advising	828-227-7753

Notes:

1. Students who complete the Associate of Arts degree or the Associate of Science degree will have their Liberal Studies requirements at Western Carolina University waived.
2. If the above statement does not apply and 15.1 or more semester hours are transferred into WCU the first semester, the First Year Seminar is not required at WCU.
3. If Liberal Studies requirements are not waived at WCU then students must take a course that has been approved as an Upper Level Perspectives course (300-400) in one of the Perspectives categories.

Liberal Studies/General Education Requirements:

WCU Requirement	SCC Equivalent
First Year Seminar (see note #2 above)	(see note #2 above)
C1 ENGL 101 (3 hrs.)	ENG 111
C1 ENGL 102 (3 hrs.)	ENG 114
C2 Mathematics (3 hrs.)	MATH 171
C3 Oral Communication (3 hrs.)	COM 110 OR COM 231
C4 Wellness (3 hrs.)	HEA 110
C5 Physical & Biological Sciences (3 hrs.)*	PHY 151
C5 Physical & Biological Sciences (3 hrs.)*	Course should be taken at WCU to meet liberal studies and program requirement
P1 Social Sciences (3 hrs.)**	ECO 251

P1 Social Sciences (3 hrs.)**	Course should be taken at WCU to meet liberal studies and program requirement (will also meet Upper Level Perspective)
P3 History (3 hrs.)	HIS 111, 112, 131, OR 132; HUM 121 OR 122; REL 112
P4 Humanities (3 hrs.)	ENG 231, HUM 110, 115, 130, OR 160; PHI 215 OR 240
P5 Fine and Performing Arts (3 hrs.)	ART 111, 114, 115, MUS 110
P6 World Cultures (3 hrs.)	ANT 210, REL 111, SPA 111, 112
C=Core category of Liberal Studies Program P= Perspectives category of Liberal Studies Program *sciences must be from two different disciplines ** social sciences must be from two different disciplines	

Major Requirements (courses)

WCU Requirement	Partner Institution Equivalent
ACCT 251	ACC 120
CM 121	CEG 115
CM 142	CIV 125
CM 211	CEG 210
CM 212	NO EQUIVALENT COURSE
CM 222	NO EQUIVALENT COURSE
CM 231	NO EQUIVALENT COURSE
CM 232	EGR 251, 252
CM 242	CEG 235 (can be used for CM 431 or 242)
CM 332	NO EQUIVALENT COURSE
CM 342	NO EQUIVALENT COURSE
CM 362	NO EQUIVALENT COURSE
CM 375	NO EQUIVALENT COURSE
CM 390	NO EQUIVALENT COURSE
CM 401	NO EQUIVALENT COURSE
CM 402	NO EQUIVALENT COURSE
CM 421	NO EQUIVALENT COURSE
CM 424	NO EQUIVALENT COURSE
CM 430	NO EQUIVALENT COURSE
CM 431	CEG 235 (can be used for CM 431 or 242)
CM 452	NO EQUIVALENT COURSE
CM 483	NO EQUIVALENT COURSE
CM 496	NO EQUIVALENT COURSE
LAW 230	BUS 115
MATH 170	MAT 152
MGT 300	NO EQUIVALENT COURSE
MKT 206	NO EQUIVALENT COURSE

Semester Plan for Degree Program

Please indicate which courses are to be taken at the relative institutions.

<u>1st Semester (SCC)</u> -ACA 111 -CIS 110 -CEG 115 -CEG 151 -ENG 111 -MAT 171	<u>2nd Semester (SCC)</u> -CIV 125 -EGR 251 -PHY 151 -SRV 110 -MAT 172
<u>3rd Semester/SUMMER (SCC)</u> -ENG 114 -HUM 110 -ECO 251	
<u>4th Semester (SCC)</u> -CEG 111 -CEG 212 -CIV 111 -EGR 252 -SRV 111	<u>5th Semester (SCC)</u> -CEG 210 -CEG 211 -CEG 230 -CEG 235
<u>6th Semester (WCU) Fall</u> -CM 222 -CM 390 -CM 212 -GEOL 310 -CM 401 -MATH 170	<u>7th Semester (WCU) Spring</u> -CM 332 -CM 342 -CM 375 -CM 231 -ACCT 251 -LAW 230
<u>8th Semester (WCU) Fall</u> -CM 362 -CM 430 -CM 421 -CM 431 -CM 424 -CM 496	<u>9th Semester (WCU) Spring</u> -CM 452 -CM 402 -P3 -P5 -P6 (CM 365)
<u>10th Semester (WCU) Summer</u> -CM 483	
<u>10th Semester (WCU) Fall</u> -MKT 206 -MKT 409 -MGT 300 -C4 -COMM 201	

Transfer Articulation Agreement Supplemental Advising Sheet

This is a supplement to the articulation agreement with WCU for advising students on the maximum number of courses that can be completed at SCC.

This agreement outlines the courses that will transfer from Southwestern Community College's Associate of Applied Science in [Civil Engineering Technology](#) to Western Carolina University's Bachelor of Science in [Construction Management](#). Utilizing this agreement will help you take the appropriate classes needed to transfer seamlessly from SCC to WCU.

To earn a bachelor's degree from WCU you must complete course requirements in three categories totaling 127 credit hours: Liberal studies (42 credit hours); Major requirements (85 credit hours); A total of 58 credit hours can be completed at SCC with a minimum of 69 credit hours required to be completed at WCU. Students earning the maximum number of credits at SCC as outlined in this agreement should be able to complete the remaining coursework at WCU within five semesters.

You should meet with your advisor at SCC the first semester of your enrollment to ensure the appropriate courses are included in your schedule to transfer. The [deadline](#) to apply for admission to WCU for the fall semester is June 1; November 15 to enroll for the spring semester; and April 15 to enroll for the summer semester. Apply online at <http://www.wcu.edu/admissions/transfer-undergraduate/for-applicants/your-requirements.asp>.

I. WCU Liberal Studies Requirement : 42 credit hours are required (34 credit hours can be earned at SCC). The First Year Seminar (3 hours) is waived for students with 15.1 or more hours of transfer credit, and students do not have to make up the hours in the Liberal Studies program, but must have the total number of hours required by the program of the major to graduate.			
WCU Liberal Studies Category	SCC Courses that satisfy requirement	credit hours	Completed (x)
1 st Year Sem.	Waived if 15.1 or more semester hours are transferred to WCU.	3 waive	
C1	ENG 111 and 114	6	
C2	MAT 143 (Math 171 suggested/exceeds major requirement) One credit hour awarded as elective credit because math gen ed requirement is 3 hours.	4	
C3	COM 110 or 231	3	
C4	HEA 110	3	
C5	PHY 151: required by CM program. Second course should be taken at WCU	6	
	*Only 15 credit hours of Perspective category courses can transfer to meet liberal studies requirements. A 300-400 level course in a Perspective category must be completed at WCU.		
P1*	2 courses needed: BUS 110, ECO 151, 251 , 252; POL 120, PSY 150, 237, 241; SOC 210, 220. (ECO 251 required for CM program) The 2 nd course in this category should be taken at WCU.		
P3*	HIS 111, 112, 131, or 132; HUM 121 or 122; REL 112		
P4*	ENG 231; HUM 110, 115, 130, or 160; PHI 215 or 240		
P5*	ART 111, 114, 115, MUS 110		
P6*	ANT 210, REL 111, SPA 111, 112		
	Total Perspective Category Hours	18	
Total (34 credit hours can be completed at SCC)		42	

II. Major Requirements: Each of the courses listed below are required for the Construction Management degree.

WCU Course	WCU Course name	SCC Course Equivalent	SCC Course Name	Credit hours	Completed(x)
ACCT 251	Financial Accounting	ACC 120	Principles of Financial Accounting	3	
CM 121	Introduction to Construction	CEG 115	Intro to Tech and Sustainability	3	
CM 142	Construction Graphics & Plan Reading	CIV 125	Civil/Surveying CAD	3	
CM 211	Construction Methods & Materials I	CEG 210	Construction Materials & Methods	3	
CM 212	Construction Methods & Materials II	No Equivalent Course	-	3	
CM 222	Construction Surveying Layouts	No Equivalent Course	-	3	
CM 231	Construction Documents & Codes	No Equivalent Course	-	3	
CM 232	Construction Statics and Strength of Materials	EGR 251 EGR 252	Statics Strength of Materials	3	
CM 242	Estimating I	CEG 235 (can be used for CM 431 or 242)	Project Management & Estimating	3	
CM 332	Construction Site Planning & Equipment	No Equivalent Course	-	3	
CM 342	Estimating II	No Equivalent Course	-	3	
CM 362	Construction Planning & Scheduling	No Equivalent Course	-	3	
CM 375	Mechanical & Electrical Construction	No Equivalent Course	-	3	
CM 390	Environmental Issues in Construction	No Equivalent Course	-	4	
CM 401	Construction Temporary Structures	No Equivalent Course	-	3	
CM 402	Construction Financial Management	No Equivalent Course	-	3	
CM 421	Construction Human Factors & Safety	No Equivalent Course	-	3	
CM 424	Facilities Management	No Equivalent Course	-	3	
CM 430	Construction Legal Aspects	No Equivalent Course	-	3	
CM 431	Construction Project Management	CEG 235 (can be used for CM 431 or 242)	-	3	
CM 452	Construction Capstone Project	No Equivalent Course	-	3	
CM 483	Applied & Engaged Internship in Construction	No Equivalent Course	-	2	
CM 496	Professional Development Seminar	No Equivalent Course	-	1	
LAW 230	Legal & Ethical Environment of Business	BUS 115	Business Law	3	

MATH 170	Applied Statistics	MAT 152	Statistical Methods	3	
MGT 300	Introduction to Management	No Equivalent Course	-	3	
MKT 206	Introduction to Professional Selling	No Equivalent Course	-	3	
MKT 409	Negotiations/Relationship Marketing	No Equivalent Course	-	3	
GEOL 310	Principles of Soils and Hydrology for Construction Managers	No Equivalent Course	-	3	
Subtotal: (24 credit hours can be completed at SCC)				85	

Category	Credit hours
WCU Liberal Studies Requirements that can be completed at SCC	34
WCU Major Requirements that can be completed at SCC	24
Total Transferable Credits	58

WCU [Bachelor of Science in Construction Management](#) with SCC Course Equivalents

Fall Semester (Freshman Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
ENGL 101	ENG 111	3	C1	
First Year	Elective	3		
C4	HEA 110	3	C4	
CM 121	CEG 115	3		
MATH 146	MATH 171	4	C2	
	Credit hours total:	16		

Spring Semester (Freshman Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
CM 211	CEG 210	3		
CM 231	No Equivalent Course	3		
ENG 102	ENG 114	4	C1	
CM 142	CIV 125	3		
MATH 170	MAT 152	3	C2	
		16		

Fall Semester (Sophomore Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
CM 212	No Equivalent Course	3		
CM 242	CEG 235	3		
PHYS 130	PHYS 151	3		
CMHC 201	COM 110 or 231	3	C3	
CM 222	No Equivalent Course	3		
		15		

Spring Semester (Sophomore Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
CM 332	No Equivalent Course	3		
CM 232	EGR 251 & EGR 252	3		
CM 342	No Equivalent Course	3		
CM 375	No Equivalent Course	3		
ECON 231	ECO 251	3	P1	
	Credit hours total:	15		

Fall Semester (Junior Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
ENVH 390	No Equivalent Course	4		
CM 401	No Equivalent Course	3		
CM 362	No Equivalent Course	3		
ACCT 251	ACC 120	3		
GEOL 310	No Equivalent Course	4		
	Credit hours total	17		

Spring Semester (Junior Year)

WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
LAW 230	BUS 115	3		
MKT 206	No Equivalent Course	3		
MKT 409	No Equivalent Course	3		
CM 402	No Equivalent Course	3		
MGT 300	No Equivalent Course	3		
	Credit Hours Total:	15		

Summer Semester (Junior Year)				
WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
CM 483	No Equivalent Course	2		
Fall Semester (Senior Year)				
WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
CM 430	No Equivalent Course	3		
CM 421	No Equivalent Course	3		
CM 431	No Equivalent Course	3		
CM 424	No Equivalent Course	3		
CM 496	No Equivalent Course	1		
P4	ENG 231, HUM 110, 115, 130 or 160; PHI 215 or 240.	3	P4	
	Credit Hours Total:	16		
Spring Semester (Senior Year)				
WCU Course	SCC Equivalent	Credit hours	Liberal Studies	Completed(x)
Upper Level Perspective	No Equivalent Course	3		
P3	HIS 111, 112, 131, or 132; HUM 121 or 122; REL 112	3	P3	
CM 452	No Equivalent Course	3		
P5	ART 111, 114, 115, MUS 110	3	P5	
P6	ANT 210, REL 111, SPA 111, 112	3	P6	
	Credit Hours Total:	15		
	Total Credit Hours Required for B.S. Degree	124		

<u>SCC A.A.S. in Civil Engineering Technology</u> Five Semester Plan with WCU Course Equivalents				
Fall Semester 1				
SCC Course	WCU Equivalent	Credit Hours	Liberal Studies	Completed(x)
ACA 111	USI 130	1		
CIS 110	CIS 110	3		
CEG 115	CM 121	3		
CEG 151	No Equivalent Course	3		
ENG 111	ENGL 101	3	C1	
MAT 171	MATH 146	4	C2	
	Credit Hours Total	17		
	Transferable Hours	13		
Spring Semester 1				
SCC Course	WCU Equivalent	Credit Hours	Liberal Studies	Completed(x)
CIV 125	CM 142	3		
EGR 251	CM 232 (W/EGR 252)	3		
PHY 151	PHYS 130	4	C5	
SRV 110	No Equivalent Course	4		
MAT 172	MATH 145	4		
	Credit Hours Total	18		
	Transferable Hours	13		
Summer Semester 1				
SCC Course	WCU Equivalent	Credit Hours	Liberal Studies	Completed(x)
ENG 114	ENG 202	3	C1	
HUM 110	Liberal Studies	3	P4	
ECO 251*	ECO 231	3	P1	
	*Required by CM Program			
	Credit Hours Total	9		
	Transferable Hours	9		
Fall Semester 2				
SCC Course	WCU Equivalent	Credit Hours	Liberal Studies	Completed(x)
CEG 111	No Equivalent Course	4		
CEG 212	No Equivalent Course	3		
CIV 111	No Equivalent Course	4		
EGR 252	CM 232 (W/EGR 251 listed above)	3		
SRV 111	No Equivalent Course	4		
	Credit hours Total	18		
	Transferable Hours	0		
Spring Semester 2				
SCC Course	WCU Course	Credit hours	Liberal Studies	Completed(x)
CEG 210	CM 211	3		
CEG 211	No Equivalent Course	3		
CEG 230	No Equivalent Course	3		
CEG 235	CM 242	3		
	Credit Hours Total	12		
	Transferable Hours	6		
	Total A.A.S. Transferable Hours	41		

TIPS FOR TRANSFERRING SUCCESSFULLY TO WCU

- 1) Meet with your SCC advisor the first semester of your enrollment to develop a course plan to ensure that you enroll in the appropriate classes to transfer to WCU.
- 2) Attend a WCU visitation with Student Support Services to talk with an admissions counselor, tour campus, and meet with an advisor in your intended major. Invitations will be sent via SCC email in the fall and spring semesters.
- 3) Submit your application for admission by the [established deadlines](#).
- 4) [Once accepted follow the Next Steps as outline by WCU which includes:](#)
 - a. Paying the tuition deposit by the required deadline.
 - b. Submitting immunization information by the required deadline.
 - c. Submitting your financial aid application by the WCU deadlines.
 - d. Attending the required [orientation](#) for transfer students.
- 5) Submit an official final transcript showing your most recently completed classes.
- 6) Utilize the WCU Advising Center to navigate the registration and enrollment process each semester.
- 7) Participate in Western's welcome dinner for transfer students and live on campus in the transfer student residence hall.