

Western Carolina University
Department of Engineering Technology
Electronics Engineering Technology - Automation Concentration

Transfer from:		Southwestern Community College					
Program:		Electronics ET					
Degree:		AAS					
WCU Undergraduate Major Curriculum Check sheet (128 Hours) 2002-2003							
Liberal Studies	42			Total Degree Transfer Hrs.	Total Transition Hours to Take	Total Remaining Degree Hours To Take	Total 300 - 400 Remaining Hrs. To Take (Notes 1 & 2)
General Electives	3						
Program Requirements (Math, Physics)	25						
Major Requirements	58						
Hours Transferred	43						
Transition Hours	17						
Total Remaining Hrs To Take for WCU =	68						
WCU Degree Program		128	TRANSFER Equivalent	43	17	68	32
Liberal Studies (Note 3)	42			12	3	24	3
General Electives	3		ELN, ELC, EGR, others	5			
TEL Program Requirements (25 Hours)							
MATH 170 (Statistics)	3		MAT 151		3		
MATH 145 (Trig)	3		(MAT 121 & 122) or 171*	3			
MATH 146 (Anal. Geo.)	3		MAT 172* or 175		3		
MATH 153 (Calculus)	4					4	
MATH 255 (Calculus II)	4					4	
PHYS 130	4		PHY 131 or 151*	4			
PHYS 131	4	25			4		
Major (58 Hours)	Hours						
CS 150 (Computer Programming)	4		CSC 134		4		
EET 231 Circuit Analysis I	4		ELC 131	4			
EET 232 Circuit Analysis II	4					4	
EET 290 Computer Engineering Fund.	3		CET 111	3			
EET 311 Electronic Circuits	4		ELN 131	4			
EET 331 Digital Integrated Circuits	4		ELN 133	4			
EET 341 Advanced Circuit Analysis	3					3	3
EET 478 Senior Project Proposal	1					1	1
EET 479 Senior Design Project	3					3	3
EET 332 Microcontrollers	4		ELN 232	4			
EET 452 Control Systems	4					4	4
MET 231 (Eng. CADD)	3					3	
MET 331 (Quality Cont. I)	3					3	3
MET 341 (CAM)	3					3	3
MET 431 (Auto Mfg.)	3					3	3
MET 441 (Fluid Power Sys.)	3					3	3
EET, TEL, MET General Electives (5 HRS)							
Elective 1 (300 – 400 Level)	3					3	3
Elective 2 (300 – 400 Level)	2	58				3	3
1. University degree requirement: 25% of hours applied toward the bachelor's degree must be 300 - 400 level. 128 / 4 = 32 hours 2. Major requirement: 50% of credits in major must be 300 - 400 level. 58 / 2 = 29 hours. This includes transfer hours. 3. New Liberal Studies Constraints: Students who take higher-level sciences may have to take additional LS courses.							
* = preferred course							

Engineering Technology Articulation Agreement

- A. Students will be admitted as candidates for the articulation program in Engineering Technology upon completion of the A.A.S. degree.
- B. Students can earn additional semester hours of transfer credit by completing general education and program requirement courses. Students who complete the 44 hour general education core of courses approved in the Comprehensive Articulation Agreement in 1997 will have WCU liberal studies requirements waived. Courses used to complete the 44 hour core must be North Carolina community college system semester courses. All courses must be completed with a “C” or higher grade.
- C. To graduate from Western all students must complete a minimum of 32 semester hours of upper level Western course credit, including a minimum of 12 hours in the major field as described in the attached course equivalency outline.
- D. This agreement will run continually without need for renewal. Copies of this agreement will be distributed to the deans and department heads by February 1 of each year. Any updates to this agreement should be submitted by March 15. If curriculum changes occur in any of the courses identified in this agreement, parties from both institutions will review the changes and update the course equivalency outline.
- E. Either party upon written notice can terminate this agreement. If the agreement is terminated, students who have matriculated at WCU can continue until completion of the baccalaureate degree if they are continuously enrolled at Western. Also, students who are enrolled at the community college at the time may continue under the terms of the agreement as long as they are continuously enrolled. If the student ceases enrollment for two regular academic semesters, he/she must re-enroll under the most recently adopted agreement.