

ARTICULATION TRANSFER MATRIX BETWEEN SANTA FE COMMUNITY COLLEGE AND



NORTHERN NEW MEXICO COLLEGE

SFCC AAS Computer and Information Technologies General Education Requirements - 28 credits Area I. Communications - 6 credits			NNMC BEng Information Engineering Technology SFCC students who earn and AS degree in General Engineering as prescribed in this document will receive a minimum of 60 credits toward the BEng degree in								
						ENGL 111	Composition and Rhetoric		Electrmechanical Engineering Technology. Any deviation from this prescribed		
									agreement will	require appropriate approval from SFCC and/or NNMC.	
ENGL 216	Technical Writing	3		Area II. Mathematics - 3 credits							
			ENGR 1121L	Introductory Math for Engineering Applications I	3						
				Support Courses- 3 credit							
			ENGR 1122L	Introductory Math for Engineering Applications II	3						
			MATH 1350	Introduction to Statistics	3						
	Area III. Laboratory Science - 4 credits			Program Requirements (54 Credits)							
CHEM 121/L	General Chemistry I and General Chemistry I Lab	4	GG ****		-						
			CS 2201	Math Foundations of Computer Science	3						
	Anna IV. Casial/Dahanianal Caian and 2 anadita		EET 2201L	Digital Systems	3						
	Area IV. Social/Behavioral Sciences - 3 credits	2	EECE 2230	Introduction to Routing and Switching	3						
	Social/Behavioral Sciences course	3	EECE 3329 EECE 3330	Human Computer Interaction	3						
	Area V. Humanities - 3 credits	3	EECE 3351	Computer Networks II	3						
	Area VI. Fine Arts - 3 credits	3	EECE 3355	Advanced Programming	3						
	Area vi. Fine Arts - 5 credits	3	EECE 3355 EECE 4440	Web Engineering Advanced Computer Network	3						
	Additional NINE Credits- 9 credit		IT 3350	Database Management	3						
	Additional Mark Citatis- 7 Citati	9	IT 4410	Information Assurance/Security (3)	3						
	Support Courses- 16 credit	<u> </u>	ENGR 480	Engineering Management and Project Management	3						
MATH 162	Calculus I	4	IT 4490	Capstone I (WIC)	3						
MATH 163	Calculus II	4	IT 4491	Capstone II	3						
PHYS 161/L	Calculus Physics I and Calculus Physics I Lab(4)	3	11 11/21	Capsione II							
PHYS 162/L	Calculus Physics II and Calculus Physics II Lab(4)	3	Electives	Upper Division	6						
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	Core Requirements - 23 credits										
ENGR 111	Intro to Engineering	3									
ISCS 116 [or]	Introducation to Linux [or]	3									
ISCS 117	Linux Certification Preparation										
ISCS 125	Introduction to Programming II	3									
ISCS 122	Computer Networks	3									
1505 122	Computer Networks	J	-								
ISCS 215	Intermediate Programming	3									
ISCS 212	Database Fundamentals	3									
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MATH 264	Calculus III	4		Transfer from SFCC AS Degree	66						
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	Other Lower Level Computer Science/IT Course(3)	2		Other NNMC BEng IET	54						
	Other Lower Level Computer Science/11 Course(3)				34						
	Total AS Credits	66		Total Credit Hours	120						
	Santa Fe Community College			Northern New Mexico College							
				Valid through 2023							
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