

NC Community College Four-Year Pathway Plan

Schedule for Full-Time Students

Pursuing AS Degree & transfer into Textiles Engineering: Information Systems Concentration (BS) at NCSU.
(Placed Out Of All Developmental Courses)

North Carolina Community College classes are listed below in bold with the NC State degree requirements fulfilled listed next to the classes.

North Carolina State University **strongly recommends** students complete their Associate's degree prior to transferring to NCSU. Pathways are structured for students who have completed all requirements for their Associate's degree and [qualify for the CAA](#).

NC COMMUNITY COLLEGE FIRST YEAR				
Fall Semester	Credit		Spring Semester	Credit
ENG 111 - ENG 101: Academic Writing and Research	3		ENG 112 - GEP Requirement	3
MAT 271 – MA 141, Calculus I	4		MAT 272 – MA 241, Calculus II	4
CHM 151 – CH 101: General Chemistry I, CH 102: General Chemistry I Lab	4		DFT 170 – GC 120	3
ECO 251 – EC 201, Departmental Economics Requirement	3		PHY 251 – PY 205 & PY 206	4
ACA 122 - Free Elective	1		EGR 150 – Departmental Substitution for E 101	2
TOTAL CREDIT HOURS	15		TOTAL CREDIT HOURS	16

Students must take ACA 122 in the first or second semester.

NC COMMUNITY COLLEGE SECOND YEAR				
Fall Semester	Credit		Spring Semester	Credit
PHY 252 – PY 208 & PY 209	4		COM 231 – GEP Requirement	3
ENG 231 – ENG 265, GEP Humanities	3		EGR 220 – MAE 206	3
MAT 273 – MA 242, Calculus III	4		PSY 150 – PSY 200, GEP Social Sciences	3
HUM 110 – STS 214, GEP Interdisciplinary Perspectives	3		MAT 285 – MA 341: Differential Equations	3
REL 310 – GEP Additional Breadth	3		TOTAL CREDIT HOURS	12
TOTAL CREDIT HOURS	17			

THIS SHEET IS FOR ADVISING PURPOSES ONLY. Students should work with their Advisor to determine course selections that will result in the greatest transferrable credit, for the intended program, upon transfer to the four-year school.

Note 4-semester outline based upon no pre-requisites classes required.

- Students should seek academic advising to determine the best courses and sequence to meet their educational goals and degree requirements.
- Following the Pathway to Degree does not guarantee admission to NC State University or guarantee an AS degree or BS degree will be conferred.
- Please refer to NC State Undergraduate Admissions for more information on admission to NC State and the transfer of credits to NC State: <http://admissions.ncsu.edu/transfer-students/>

NC STATE UNIVERSITY

Schedule of Courses for the Textile Engineering: Information Systems Concentration (BS) (18TEBS-18TEIS)

Before applying please consult the [Transfer Admission Review Standards](#) for admission into the College of Engineering.

NC STATE JUNIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
E 115: Intro to Computing Environments	1		TE 105: Textiles Engineering: Materials and Systems	2
T 101 Sub	2		TE 201: Textile Engineering Science	4
TE 110: Computer-Based Modeling for Engineers	3		TE 205: Analog and Digital Circuits	4
TE 200: Introduction to Polymer Science and Engineering	3		TE 435: Process System Analysis and Control	3
TE 301: Textile Structures I: Linear Assemblies	3		TE 302: Textile Manufacturing Processes and Systems II	4
ST 370: Probability and Statistics for Engineers	3		TOTAL CREDIT HOURS	17
Engineering Elective	3			
TOTAL CREDIT HOURS	18			
NC STATE SENIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
TE 303: Thermodynamics for Textile Engineers	3		ISE 453: Design of Production, Logistics & Service Systems	3
TE 440: Textile Information Systems Design	3		TE 404: Six Sigma Quality	4
TE 401: Textile Engineering Design I	4		TE 424: TE Quality Lab	1
PCC 301: Technology of Dyeing and Finishing	4		ISE 362: Stochastic Models in IE	3
ISE 311: Engineering Economic Analysis	3		TE 402: Textile Engineering Design II	3
TOTAL CREDIT HOURS	17		TOTAL CREDIT HOURS	15
Minimum Credit Hours Required for Graduation:				127
Hours Remaining in NC State Degree:				67