



Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Science, Technology, Engineering, and Mathematics
Career Pathway: Science and Math



Southeast Community College

DEGREE:
 Laboratory Science Technology
<http://www.southeast.edu/programs/LBST/default.aspx>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Biology	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I Industrial Technology CAD (Computer Aided Drafting) Engineering Technology	Schools may define their own program of study with a career focus and apply for approval	<i>School Activities:</i> SkillsUSA, OPPD/NPPD PowerDrive, Math Club, Discover Engineering Day, Science Club, Science Fairs <i>Community Activities:</i> Participate in programs provided by the University of Nebraska: •Engineers Week •Academy of Excellence •MESA Program			
	10	English/Language Arts II	Geometry	Chemistry	World History						
	11	English/Language Arts III	Algebra II	Physics	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	AP Science	American Government or Economics						
SOUTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	FOCUS COURSES					
	13 and 14	Public Speaking	College Algebra	Introduction to Psychology	Computer Elective	Laboratory Science Orientation	Applied Chemistry I & Lab	Applied Chemistry II & Lab	Analytical Chemistry I & Lab	Organic Chemistry & Lab	Introductory Biology & Lab
		Written Communications	Trigonometry		Biology Elective	Introduction to Microbiology & Lab	Water Quality	Analytical Chemistry for Technicians II & Lab	Analytical Chemistry for Technicians III &	Biochemistry I & Lab	Biochemistry II & Lab
			Descriptive Physics			Sanitation	Applied Microbiology & Lab	Water and Wastewater Technology & Lab	Hazardous Materials	Laboratory Skills Competency	Quality in the Analytical Laboratory
						Water and Wastewater Mathematics	Practicum I	Practicum II			