

ATTACHMENT A
PROGRAM OF STUDY
Associate of Applied Science in Industrial Technology – Engineering Design Technology

Northeast State Community College			
Year 1			
Semester 1	SCH	Semester 2	SCH
EDUC 1030 – College and Lifelong Learning	3	Humanities Elective ²	3
ENGL 1010 – English Composition I	3	DRAF 1210 – Computer-Aided Drafting I	4
ENGR 1110 – Engineering Graphics	3	ENST 1350 – Industrial Safety	3
INTC 1010 – Quality and Inspection	3	PHYS 1030 – Survey of Physics or PSCI 1010 – Principles of Physical Science	4
MATH 1050 – Trigonometric Applications	4	COMM 2025 – Fundamentals of Communication or COMM 2045 – Public Speaking	3
Total	16	Total	17
Year 2			
Semester 1	SCH	Semester 2	SCH
DRAF 1220 – Computer-Aided Drafting II	3	DRAF 1230 – Advanced Computer Aided Design	3
INTC 1030 – Industrial Concepts	3	DRAF 1310 – Construction Estimating/Project Management	3
Engineering Design Elective ¹	8	DRAF 2510 – Geometrical Dimensioning and Tolerancing	3
Behavioral/Social Science Elective ²	3	Engineering Design Elective ¹	4
	17		13
		Total	63

¹ Engineering Design Elective: Choose three from DRAF 2110, DRAF 2210, DRAF 2310, DRAF 2710

²Course selected from approved general education course list ([Northeast State Community College General Education Course List](#)).

Course Equivalency Table			
Northeast State Community College Course	SCH	East Tennessee State University Course	SCH
EDUC 1030 – College and Lifelong Learning	3	ETSU 1020 – Foundations of Student Success	3
ENGL 1010 – English Composition I	3	ENGL 1010 – English Composition I	3
Humanities Elective ¹	3	Humanities Elective	3
Behavioral/Social Science Elective ¹	3	Behavioral/ Social Science Elective	3
MATH 1050 – Trigonometric Applications	4	Math Elective	4
COMM 2025 – Fundamentals of Communication or COMM 2045 – Public Speaking	3	COMM 2025- Fundamentals of Communication or COMM 2045 – Public Speaking	3
ENGR 1110 – Engineering Graphics	3	ENGR 1110 – Engineering Graphics	3
INTC 1010 – Quality and Inspection	3	Elective	3
DRAF 1210 – Computer-Aided Drafting I	4	ENTC 2170- CMP aid Des Draft	4
ENST 1350 – Industrial Safety	3	Elective	3
PHYS 1030 – Survey of Physics or PSCI 1010 – Principles of Physical Science	4	PHYS 1030- Intro Physics Survey	4
DRAF 1220 – Computer-Aided Drafting II	3	ENTC 2170- CMP aid Des Draft	3
INTC 1030 – Industrial Concepts	3	Elective	3
Engineering Design Elective	4	Elective	4
Engineering Design Elective	4	Elective	4
Engineering Design Elective	4	Elective	4
DRAF 1230 – Advanced Computer Aided Design	3	Elective	3
DRAF 1310 – Construction Estimating/Project Management	3	Elective	3
DRAF 2510 – Geometrical Dimensioning and Tolerancing	3	Elective	3
Total Hours at Northeast State	63	Total Hours Transferred to ETSU	63

¹ Course selected from approved general education course list ([Northeast State Community College General Education Course List](#)).

ATTACHMENT B
ACADEMIC PLAN
Bachelor of Applied Science in Industrial Leadership

East Tennessee State University			
Year 3			
Fall	SCH	Spring	SCH
Growing as an Individual	3	Electives ³	9
History	3	Humanities or History	3
CSCI 1100/1150- Using Information Technology	3	CDST 2200-Interdisciplinary Learning and Multimedia Presentations	1
ECON 2210- Principles of Macroeconomics	3	CDST 2300- The Interdisciplinary E Portfolio and It's Applications	1
ENGL 1020- Written Communication & Critical Thinking	3	CDST 3000-Workforce Skills	3
	15		17
Fall		Spring	
CDST 3100- Interdisciplinary Design Thinking	3	CDST 4210- Senior Capstone	3
CDST -4110 Research Invention	2	CDST 4950- Special Topics in Interdisciplinary Studies	3
MGMT 3000- Organizational Behavior and Management	3	Cultivate Artistic Awareness or Humanities ²	3
ENTC 3030- Technical Communication	3	Critical Thinking Course	3
ENTC 4017- Industrial Supervision	3		
	14		12
Total		Total	58

³Choose 9 credits from LEAD 4467; SCMT 3100; ENTC 4777, 2060; MGMT 3310; or PSYC 3340

²Which ever not completed at Northeast State

TOTAL DEGREE HOURS:

- Northeast State-63
- East Tennessee State University-58
- **TOTAL-121**