

BS in Industrial Engineering Technology (2025-26)

Department of Technology Systems, East Carolina University

Name:

Banner ID:

Grad Date:

Admitted:

This checklist is for planning purposes only. The responsibility for meeting all academic requirements, as officially documented in the ECU catalog, rests with the student.

☐ Foundations of American Democracy (FAD)

Completed

FAD 1	recommend POLS 1010 for any Gen Ed (FAD 1 & 2) or						
FAD 2	recommnd HIST 1775 or PHIL 1176 or 2282 (FAD 1 & 2)						

☐ ENGLISH (6 hrs)

Approval Hrs need Completed School Term Grade

ENGL 1100 English Comp 1 (WI)			3				
ENGL 2201 English Comp 2 (WI)			3				

☐ NATURAL SCIENCE (8 hrs)

Approval Hrs need Completed School Term Grade

PHYS 1250/1 General Physics 1			4				
PHYS 1260/1 General Physics 1			4				

☐ SOCIAL SCIENCE (9hrs)

Approval Hrs need Completed School Term Grade

ECON 2113 Microeconomics			3				
PSYC 1000 General Psychology	P: PSYC 1000		3				
PSYC 3241 Industrial Psychology			3				

☐ MATH (minimum 3 hrs)

Approval Hrs need Completed School Term Grade

MATH 1065 College Algebra			3				
---------------------------	--	--	---	--	--	--	--

☐ HUMANITIES & FINE ARTS (9hrs)

Approval Hrs need Completed School Term Grade

At least one in Humanities			3				
At least one in Fine Arts			3				
Humanities OR Fine Arts	recommnd HIST 1775 or PHIL 1176 or 2282 (FAD1 & 2)		3				

☐ HEALTH & KINESIOLOGY (3 hrs)

Approval Hrs need Completed School Term Grade

HLTH 1000 Health course			2				
KINE 1000 Physical Activity & Fitness			1				

☐ GENERAL EDUCATION ELECTIVE (3 hrs)

Approval Hrs need Completed School Term Grade

General Education Elective	recommend POLS 1010 (FAD 1 & 2)		3				
----------------------------	---------------------------------	--	---	--	--	--	--

☐ COGNATES (3 hrs)

Approval Hrs need Completed School Term Grade

MATH 2283 Statistics for Business	P:MATH 1065		3			F, S, SS	
-----------------------------------	-------------	--	---	--	--	----------	--

☐ CORE (69 hrs)

Approval Hrs need Completed School Term Grade

ITEC 2000 or MIS 2223 Comp Apps			3			Fa, Sp	
ITEC 2054/5 Electricity/Electronics Fund			3			Fa, Sp	
ITEC 2080/1 Thermal & Fluid	P: IENG 2020		3			Fa, Sp	
ITEC 2090/1 Electromechanical Systems	P:ITEC 2054		3			Fa, Sp	
DESN 2034/5 Engineering Graphics 1	P/C: ITEC 2000 or MIS 2223		3			Fa, Sp	
DESN 2036/7 CAD	P: DESN 2034		3			Fa, Sp	
IENG 2020/1 Materials & Processes	P/C: ITEC 2000 or MIS 2223		3		ECU	Fa, Sp	
IENG 2076/7 Intro to CNC			3		ECU	Fa,Sp	
IENG 3020/1 Intro to CIM	P/C: ITEC 2090		3		ECU	Sp	
IENG 3300 Pit Layout & Mat Hand	P:DESN 2036; IENG 2020; P/C: ITEC 3290		3		ECU	Fa	
IENG 3600 Statics & Strength Materials			3		ECU	Fa, Sp	
IDIS 3790 Tech Presentations (DD)			3		ECU	Fa, Sp	
ITEC 3200 Intro to SPC	P: MATH 1065; RP:ITEC 2000 or MIS 2223		3		ECU	Fa,Sp	
ITEC 3290 Tech. Writing (WI) (GD)	P: ENGL 2201		3		ECU	Fa,Sp,Su1	
ITEC 3292 Industrial Safety	P: Junior Standing		3		ECU	Fa,Sp	
ITEC 3300 Tech Proj Mgmt (WI) (DD)	P: ENGL 2201		3		ECU	Fa,Sp,Su1	
ITEC 3800 Capital Proj (or FINA 3004)	P: MATH 1065; RP:ITEC 2000 or MIS2223		3		ECU	Fa,Sp	
IENG 4020 Mfg System Planning	P:ITEC 3200 or MATH 2283		3		ECU	Fa	
IENG 4023 Advanced Mfg Systems			3		ECU	Sp	
IENG 4200 Work Methods & Ergonomics Analysis			3		ECU	Sp	
IENG 4900 Capstone	P/C:IENG 4023, ITEC 4300		3		ECU	Fa, Sp	
ITEC 4293 Supervision (WI) (or MGMT 3202)	P:Sr Standing		3		ECU	Fa,Sp	
ITEC 4300 Quality Assurance	P: ITEC 3200 or MATH 2283		3		ECU	Fa,Sp	

☐ Approved Elective (3 hrs) - choose one

Approval Hrs need Completed School Term Grade

Approved Electives (Year 1) - Electives	Approved Electives (Year 2) - Electives	Approved Electives (Year 3) - Electives	Complete	ECU	Fa	Sp
IENG 4024/5 Electromech Sys Integration	P:IENG 3020	3		ECU	Fa	
IENG 4092 Operations Research	P:ITEC 3200 or MATH 2283			ECU	Sp	
ITEC 4503 Special Topics	tba			ECU	tba	

☐ Free Electives (4 hrs)

Approval Hrs need Completed School Term Grade

Any Course			4				
Any Course							

Academic Advisor

Transfer Hours:	
Transfer School(s):	
Minor - indicate in what area:	
Writing Intensive (WI) req (min 12 hours) - ENGL 1100; ENGL 2201; ITEC 3290; ITEC 3300	

Notes

Total Semester Hours:

Hrs need	Completed	=	
120	0		120

Min 120 hrs