

B.S. in Engineering Technology

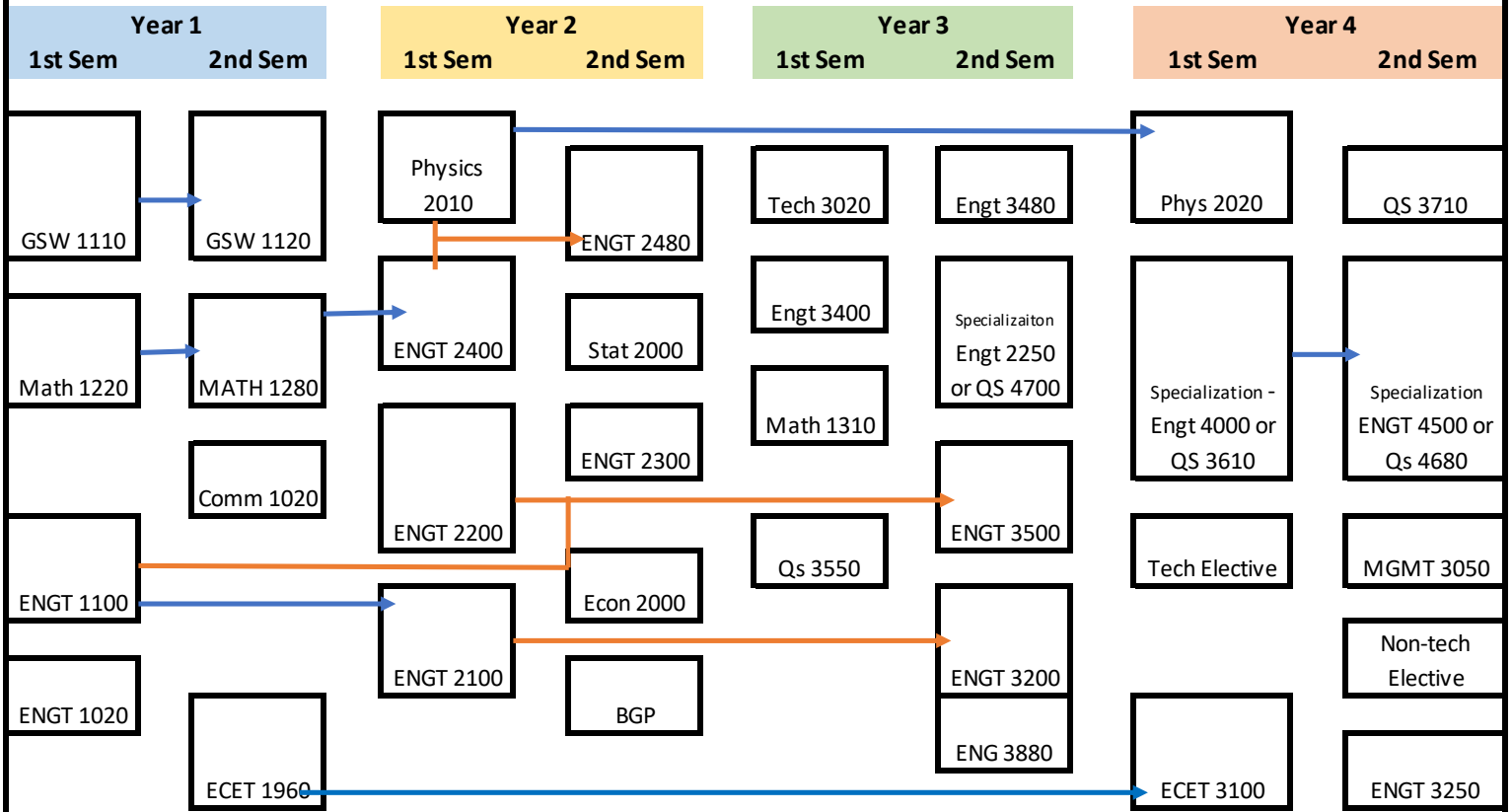
Name: _____ ID: _____ Advisor: _____ Date: Fall 2021
 This is not an official graduation plan but a tool to use along with your audit and check-sheet
 Assuming a math placement of 1220, a GSW placement of 1110, and 2 years of high school language

	Course Number	Credit Hours	Semester Taken	Grade Eamed	Course Name	Prerequisites/Advisor Notes	Course Offering		
							Fall	Spring	Summer
First Year	Fall	GSW 1110	3	_____	Introduction to Academic Writing		√	√	
		ENGT 1100	3	_____	Introduction to CAD		√	√	
		BGP	3	_____	Humanities and the Arts		√	√	
		ENGT 1020	3	_____	Introduction to Engineering Tech		√	√	
		MATH 1220	3	_____	College Algebra		√	√	√
		Semester Total	15						
Spring	GSW 1120	3	_____	Academic Writing	GSW 1110	√	√	√	
	ECET 1960	3	_____	Electrical-Electronics Systems		√	√	√	
	MATH 1280	5	_____	Precalculus Math	MATH 1220	√	√	√	
	COMM 1020	3	_____	Intro to Public Speaking		√	√	√	
	Semester Total	14							
Summer	TECH 2890	4	_____	Co-op		√	√	√	
	First Year Total	33							
Second Year	Fall	ENGT 2100	3	_____	Solid Modeling	ENGT 1100	√		
		ENGT 2200	3	_____	Metallic Materials and Processes		√		
		PHYS 2010	5	_____	College Physics I		√	√	√
		ENGT 2400	3	_____	Statics	MATH 1280 or MATH 1300 or MATH 1310 or both MATH 1340 & MATH 1350	√		
		Semester Total	14						
	Spring	ENGT 2300	3	_____	Fluid Power Transmission			√	
	ENGT 2480	3	_____	Dynamics	ENGT 2400 & PHYS 2010 or PHYS 2110		√		
	STAT 2000	3	_____	Using Statistics			√		
	ECON 2000	3	_____	Intro to Economics		√	√		
	BGP	3	_____	Humanities and the Art/Cultural Diversity		√	√	√	
	Semester Total	15							
Summer	TECH 3890	4	_____	Co-op		√	√	√	
	Second Year Total	33							
Third Year	Fall	ENGT 3400	3	_____	Prop Testing Eng Materials		√		
		TECH 3020	3	_____	Technology Systems in Societies		√	√	√
		MATH 1310	3	_____	Calculus & Analytic Geometry	MATH 1280, MATH 1290 or MATH 1310	√	√	√
		QS 3550	3	_____	Lean Systems		√	√	√
		Semester Total	12						
	Spring	ENGT 3200	3	_____	CAM & Rapid Prototyping	ENGT 2100		√	
	ENGT 3480	3	_____	Thermodynamics			√		
	ENGT 3500	3	_____	Metrology and GD & T	ENGT 2100 & ENGT 2200		√		
	ENG 3880	3	_____	Introduction Technical Writing		√	√		
	Specialization	3	_____				√		
	ENGT 2250, or QS 4700	3	_____	Machine Design Kaizen Project	QS 3500	√	√		
	Semester Total	15							
Summer	TECH 4890	4	_____	Co-op		√	√	√	
	Third Year Total	31							
Fourth Year	Fall	PHYS 2020	5	_____	College Physics II	PHYS 2010	√	√	√
		ECET 3100	3	_____	Programmable Logic Controllers	ECET 1960	√		
		TECH Elective	3	_____	Any ENGT or QS course		√	√	√
		Specialization	3	_____				√	
		ENGT 4000, or QS 3610	3	_____	Adv Simulation and Analysis	ENGT 2100	√		
		Semester Total	14						
Spring	ENGT 3250	3	_____	Sustainable Technologies			√		
	QS 3710	3	_____	Six Sigma Overview			√	√	
	MGMT 3050	3	_____	Principles of Organizational Mgmt		√	√	√	
	Non Tech Elective	3	_____			√	√	√	
	Specialization	3	_____				√		
	ENGT 4500, or QS 4600	3	_____	Design Methodologies Synchronous Quality Planning	ENGT 4000 QS 3550, QS 3610 & QS 3710		√	√	
	Semester Total	15							
	Fourth Year Total	29							

DEGREE TOTAL 126

B.S. in Engineering Technology

Course Sequence Flowchart with Prerequisites (Excluding Co-ops)



Program Planning - The student, in cooperation with an advisor, should use a Program Guide and the corresponding undergraduate catalog to plan a complete program. Any problem which arises in connection with a particular Program Guide should be referred to the student's advisor.

Matriculation

Full admittance to major in a College of Technology, Architecture and Applied Engineering program becomes effective when a student has:

1. Attained an overall BGSU GPA of at least 2.25 for all courses taken prior to applying for matriculation and a 2.5 in courses in the major;
2. Complete a cooperative educ. experience-Tech 2890(Aviation, Architecture, LDT and QS majors are exempt from this requirement);
3. Completed with a grade of "C" or better in all bold courses, as specified on program checksheets;
4. Applied for matriculation. Applications are available from the Undergraduate Student Services Offices website.

The steps listed above must be completed before students will be permitted to register for 3000 and 4000 level coursesEngineering in the College of Technology, Architecture and Applied

Co-op

All students in the College are required to complete 2-3 co-ops, depending on your major. THIS IS A COURSE. It carries credit and is graded. or part-time(20hrs/week for two consecutive semesters, paid and must be directly related to your major. All students MUST complete the Co-op Orientation available in Canvas.