

TARLETON STATE UNIVERSITY
DEPARTMENT OF ENGINEERING AND TECHNOLOGY
COLLEGE OF SCIENCE AND TECHNOLOGY (COST)
BACHELOR OF APPLIED ARTS AND SCIENCES (BAAS) IN MANUFACTURING AND INDUSTRIAL MANAGEMENT (2022-2023)

GENERAL EDUCATION REQUIREMENTS

	TSU REQUIRED	HOURS	ACCEPTABLE TRANSFER EQUIVALENTS	HOURS COMPLETED
MCC	ENGL 1301	3	ENGL 1301 (COMPOSITION I)	
	ENGL 1302	3	ENGL 1302 (COMPOSITION II)	
	COMM 1311, 1315, 2302	3	SPCH 1311, 1315, 1321	
	MATH 1314 OR ABOVE	3	MATH 1314 OR ABOVE	
	LAB SCIENCE	4	BIO, GEOL, CHEM, PHYSICS, ENV SCI	
	LAB SCIENCE	4	BIO, GEOL, CHEM, PHYSICS, ENV SCI	
	CREATIVE ARTS	3	ART 1301, 1303, 1304, MUSI 1306, DRAM 1310	
	LITERATURE OR PHIL 1301	3	ANY SOPHOMORE LEVEL LITERATURE COURSE OR PHIL 1301	
	HIST 1301	3	HIST 1301 (US HISTORY I)	
	HIST 1302	3	HIST 1302 (US HISTORY II)	
	GOVT 2305	3	GOVT 2305 (FEDERAL GOVERNMENT)	
	GOVT 2306	3	GOVT 2306 (TEXAS GOVERNMENT)	
	SOCIAL AND BEHAVIORAL SCIENCES	3	**See Advisor for Options	
	COMPONENT AREA OPTION	1	**EDUC 1100/1300, PSYC 1100/1300, PHED 1164	

**Students must choose to complete either the MCC Core Curriculum OR the Tarleton Core. See Advisor for details.*

***See Advisor for Additional Options*

TRANSFERABLE REQUIRED COURSES

MCC				
	MATH 1316 OR MATH 1342	3	PLANE TRIGONOMETRY or ELEMENTARY STATISTICAL METHODS	

OCCUPATIONAL SPECIALIZATION (APPROVED WORK EXPERIENCE AND/OR TECHNICAL TRAINING)

APPROVED OCCUPATIONAL SPECIALIZATION	33-36*	ALL TECHNOLOGY COURSES, MILITARY TRAINING, OR EMPLOYER SPONSORED TRAINING (12-36 HOURS) MUST BE APPROVED BY BAAS COMMITTEE FOR CREDIT.	
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**If student only receives 33 hours of Occupational Specialization credit, the student must take an additional 3 hours of elective credit to meet the 120 hour degree requirement.*

****STUDENTS SUCCESSFULLY COMPLETING CURRICULUM LISTED ABOVE MAY RECEIVE AN ASSOCIATE OF ARTS DEGREE FROM McLENNAN COMMUNITY COLLEGE UPON COMPLETION OF 60 HOURS (SEE MCC ADVISOR WITH QUESTIONS)*

UPPER-LEVEL REQUIRED COURSES TO BE COMPLETED FROM TARLETON STATE UNIVERSITY

TARLETON	ENGT 3318 (WI)	3	RESEARCH AND REPORTING FOR TECHNOLOGIES	
	ENGT 3375	3	CONTINUOUS IMPROVEMENT	
	ENGT 3395	3	PROJECT MANAGEMENT	
	ADVANCED ENGT COURSE	6	3000 OR 4000 LEVEL ENGT COURSES	
	ADVANCED ELECTIVE	3	3000 OR 4000 LEVEL COURSE	
	ADVANCED ELECTIVE	3	3000 OR 4000 LEVEL COURSE	
	ADVANCED ELECTIVE	3	3000 OR 4000 LEVEL COURSE	
	ADVANCED ELECTIVE	3	3000 OR 4000 LEVEL COURSE	

***Select either Industrial Management or Safety Management Option*

INDUSTRIAL MANAGEMENT OPTION

TSU	ENGT 3386	3	QUALITY MANAGEMENT	
	ENGT 4336	3	PRODUCTION PLANNING	
	ENGT 4346	3	MANUFACTURING MANAGEMENT	
	ENGT 4347	3	METRICS AND MEASUREMENTS	

SAFETY MANAGEMENT OPTION

TSU	ENGT 3320	3	INDUSTRIAL SAFETY	
	ENGT 4320	3	OCCUPATIONAL SAFETY AND HEALTH	
	ENGT 3360	3	SAFETY MANAGEMENT	
	ENGT 3326	3	ERGONOMICS AND WORK METHODS	

NOTE: Tarleton residency requires a minimum of 30 hours to be taken from TSU of which must be advanced and at least 6 hours must be writing intensive. (WI) - Writing Intensive.

This advising sheet is unofficial and is subject to change.

TOTAL HOURS REQUIRED FOR BAAS DEGREE PROGRAM

GENERAL EDUCATION REQUIREMENTS	42 HOURS
TSU LL REQUIRED COURSE	3 HOURS
TSU UPPER LEVEL REQUIRED COURSES	27 HOURS
OCCUPATIONAL SPECIALIZATION	33-36 HOURS
TSU REQUIRED ENGINEERING AND TECHNOLOGY/ELECTIVE C	12 HOURS
TOTAL HOURS	120 HOURS