Texarkana College

Maud High School Early Enrollment Pathway Plan

Associate of Applied Science Degree

Major: Welding

Student Name_____ TC ID#_____

Academic Coach for Dual Credit (AC/DC) _____

TSIA2 Eng_____TSIA2 Math____ACT____PSAT____EOC Eng II_____EOC Alg. I + Alg. II C+_____

Advising Dates: _____ _____ _____ _____ _____

Not all high schools bus students to Texarkana College campuses. Check with your high school for more information.

TC Course	Course Title	Credit Hours	Grade Level Completed	Grade Level Course is Available	Comments/Planning
WECM Courses – 42 Total Hours					
WLDG 1323	**Welding Safety, Tools, and Equipment**[12]	**3**		10, 11, 12	
WLDG 1428	**Introduction to Shielded Metal Arc Welding (SMAW)** [12]	**4**		10, 11, 12	
WLDG 2443	**Advanced Shielded Metal Arc Welding (SMAW)** [12]	**4**		11, 12	
WLDG 1430	**Introduction to Gas Metal Arc Welding (GMAW)** [12]	**4**		11, 12	
LEAD 1100	**Workforce Developmental w/ Critical Thinking**[12]	**1**		Adult	
WLDG 1413	**Introduction to Blueprint Reading for Welders**[12]	**4**		Adult	
WLDG 1317	**Introduction to Layout and Fabrication**[12]	**3**		12	
WLDG 2547	**Advanced Gas Metal Arc Welding (GMAW)**[12]	**5**		12	
WLDG 2435	**Advanced Layout and Fabrication**[12]	**4**		Adult	
WLDG 1434	**Introduction to Gas Tungsten Arc Welding (GTAW)**[12]	**4**		Adult	
WLDG 1391	**Special Topics in Welder/Welding Technologist**[12]	**3**		Adult	
WLDG 2388	**Internship-Welding Technology/Welder**[12]	**3**		Adult	
TOTAL WECM HOURS		**42**	**(Certificate Earned)**		
ACGM Courses – 18 Total Hours					
ENGL 1301	Composition and Rhetoric[1]	3		12 or *EA	
SPCH 1315	Public Speaking[9]	3		11, 12 or *EA	
BCIS 1305 **OR** EDUC 1300	Business Computer Applications[9] **OR** Learning Frameworks[9]	3		10, 11, 12 or *EA	Grade level pending course
XXXX x3xx	Social Science Elective[8]	3		10, 11, 12 or *EA	
XXXX x3xx	College Level Math or Natural Science [2 or 3]	3		11, 12 or *EA	Grade level pending course
XXXX x3xx	Visual Performing Arts[5]	3		10 or *EA	
TOTAL ACGM HOURS		**18**			
Total Credit Hours		**60**			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog. Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

*Course offered through TC's Early Admission program.

Explanation for Superscripts

1	**Communication Block (010):** *Complete each of the following: ENGL 1301* ***and*** *ENGL 1302 or 2311*		2	**Mathematics Block (020):** *Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413*
3	**Life & Physical Sciences Block (030):** *Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325*		4	**Language, Philosophy, & Culture Block (040):** *Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306*
5	**Creative Arts Block (050):** *Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306*		6	**American History Block (060):** *Complete each of the following: HIST 1301* ***and*** *1302*
7	**Government/Political Science Block (070):** *Complete each of the following: GOVT 2305* ***and*** *2306*		8	**Social & Behavioral Sciences Block (080):** *Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301*
9	**Component Area Option Block (090): 9A: Choose one from the following:** *SPCH 1315; SPCH 1318; SPCH 1321* ***OR*** *any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.* ***AND*** ***9B: Choose one from the following:*** *BCIS 1305; MATH 2413; PSYC/EDUC 1300*		10	**Lab Science Course** *Choose a lab science course that corresponds to the Life & Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125*
11	**Elective Option:** *Choose any college level course*		12	**Degree Requirement** *This course is required for this particular degree*

LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Leadership | Reading/Drafting Blueprints | Time Management | Problem Solving | Organization | Detail Oriented

EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

CAREER OPPORTUNITIES

Pipeline Welder | Construction Worker/Iron Worker | Fabrication and Production | Job Site Foreman | Maintenance and Repair | Self Employment | Equipment Sales & Service

HIGH SCHOOL ENDORSEMENTS

Business & Industry | Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html

American Welding Society: awsnow.org