LIST OF COURSES

**SEMESTER 1**
- CETT 1409-DC-AC Circuits
- ELPT 1321– Intro. to Electrical Safety and Tools
- INTC 1405-Introduction to Instrumentation
- ELPT 1325-National Electric Code I
- DFTG 1329-Electro-Mechanical Drafting
- INMT 2301-Machinery Installation or ENTC 2331 Manufacturing Materials
- CETT 1307-Intro. to Welding
- INMT 1417-Industrial Automation
- RBTC 1401-Programmable Logic Controllers
- HYDR 1445-Hydraulics and Pneumatics
- ELMT 2339-Advanced Programmable Logic Controllers
- INMT 2303-Pumps, Compressors & Mechanical Drives
- INMT 1381– Co-op Edu.-Manu. Technology/Tech
- LEAD 1100-Development with Critical Thinking
- SPCH 1315– Public Speaking
- ENGL 1301– Composition I
- Social Science Elective OR EDUC 1300
- College Level Math or Natural Science
- Art/Drama/Music Elective

**SEMESTER 2**
- LEAD 1100
- INTC 1405
- CETT 1307
- INMT 2301 or ENTC 2331
- RBTC 1401

**SEMESTER 3**
- INMT 1417
- HYDR 1445
- ELMT 2339
- INMT 2303
- INMT 1381
- Art/Drama/Music Elective

**SEMESTER 4**
- SPCH 1315 (core)
- Soc. Science Elective or EDUC 1300 (core)
- College Level Math (core) or Natural Science

LEARNING OUTCOMES/MARKETABLE SKILLS
- Critical Thinking
- Teamwork
- Communication
- Professionalism
- Problem Solving
- Safety Awareness
- Organization
- Time Management

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

CAREER OPPORTUNITIES
- Electro-Mechanical Technicians
- Industrial Machinery Mechanics
- Engineering Technicians
- Commercial/Industrial Electrical & Electronics Repairs

HIGH SCHOOL ENDORSEMENTS
- Business and Industry
- Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:
- [http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html](http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html)