



AAS in Industrial Maintenance to
 Bachelor of Applied Arts and Sciences in
 Manufacturing and Industrial Management^T
Guided Pathway
2020-2021 Catalog



First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
INMT 1305 – Introduction to Industrial Maintenance	CBFM 1307 – Boiler Operation
CETT 1402 – Electricity Principles	HYDR 1301 – Rigging & Conveying Systems
INMT 2301 – Machinery Installation	HYDR 1345 – Hydraulics and Pneumatics
^C ENGL 1301 – Composition I (010)	PFPB 2308 – Piping Standards and Materials
^C MATH 1314 – College Algebra * (020)	^C SPCH 1321 – Bus. & Prof. Communication (010)
Total semester hours: 16	Total semester hours: 15

SUMMER	
INMT 2388- Internship- Manufacturing Technology/Technician*	
Total semester hours: 3	

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
HART 1407 – Refrigeration Principles	ELPT 2305 – Motors and Transformers
ELPT 2319 – Programmable Logic Controllers I	HART 1403 – Air Conditioning Control Principles
INMT 2303 – Pumps, Compressors, & Mechanical Drives	INMT 2345 – Industrial Troubleshooting
^C xxxx x3xx – Government/Political Science Core * (070)	^C PHIL 2306 – Introduction to Ethics (040)
Total semester hours: 13	Total semester hours: 13

AAS: Industrial Maintenance

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be taken at Tyler Junior College (if offered) or TSU	
^{C*} Creative Arts Core Elective	^C ENGL 1302 – Composition II
^{C*} Life and Physical Science Core Elective (4 credits)	^{C*} Life and Physical Science Core Elective (4 credits)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^{C*} Component Area Option (1 credit min)	^{C*} Social and Behavioral Science Core Elective
^C GOVT 2306 – Texas Government	MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods
Total Semester Hours: 14	Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year – Tarleton State University

FIRST SEMESTER
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Total Semester Hours: 15

Total: 131

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^C This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.