



AAS. CADD-Manufacturing Technology to
Bachelor of Applied Arts & Sciences Degree Technology Concentration
Guided Pathway
2019-2020 Catalog



First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
(Program runs on two 8 week sessions per semester) *	DFTG 1445 - Parametric Modeling and Design
DFTG 1305 – Technical Drafting	DFTG 1458 – Electrical and Electronics Drafting
GOVT 2305(070) – Federal Government ^{C*}	DFTG 2419 - Intermediate Computer-Aid Drafting*
DFTG 1409 – Basic Computer Aided Drafting	MCHN 2303 – Fundamentals of Comp Num Contrl (CNC)
MCHN 1338 – Basic Machine Shop I	

Second Year – Tarrant County College District

It's best to apply to Midwestern State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
DFTG 2402 – Machine Drafting	DFTG 2440 - Solid Modeling and Design
SPCH 1321(010) – Business & Professional Comm ^{C*}	ARTS 1301 – Art Appreciation (050) ^{C*}
MATH 1314(020) – College Algebra ^{C*}	ENGL 1301(010) – Composition I ^C
DFTG 2458 – Advanced Machine Design *	DFTG 2438 – Final Project in Advanced Drafting (Capstone)
DFTG 2423 – Pipe Drafting	

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

Third Year - Midwestern State University Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1153 (1302) Academic Writing & Lit	^C Life & Physical Science
^C Life & Physical Science	^C HIST 1233 (1302) U.S. History since 1865
^C Language, Philosophy & Culture	^C POLS 1333 (GOVT 2306)*
^C HIST 1133 (1301) U.S. History from 1865	^C Undergraduate Inquiry
^C Social & Behavioral Science	^C Cultural & Global Understanding
Computer Science Course	

Fourth Year - Midwestern State University Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
TECH 3103 – Safety Technology	TECH 4103 - Innovation
TECH 3113 – Quality Technology	TECH 4113 – Facilities Design
TECH 3133 – Manufacturing Technology	TECH 4123 – Energy Technology
TECH 3143 – Production Planning	TECH 4133 – Construction Technology
TECH 3153 – Project Planning	BAAS 3113, Internship or Elective Course
TECH 3163 – Supply Technology	BAAS 4113 - Capstone

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 Midwestern State University.

*For questions about the University portion of this pathway,
Contact the BAAS Office at [940] 397-4400 or email: baas@msutexas.edu.*