i • TECH Isothermal Engineering & Technology Academy

Junior Year

Advanced Technology Certificate

CCP Certificate Pathway (15 Credit Hours)

DFT 151 CAD I

EGR 110 Intro to Engineering

Technology

HYD 110 Hydraulics

MAC 141 Machine Applications

MEC 161 MFG Processes

Senior Year

Advanced Technology Diploma

CCP Diploma Pathway

(37 Credit Hours combined with certificate)

ACA 115 Success & Study Skills
CIS 110 Intro to Computers
DFT 154 Intro to Solid Modeling
ENG 111 Writing and Inquiry

ISC 121 Environmental Health & Safety

ISC 132 Quality

MAT 121 Algebra/Trigonometry I MEC 180 Engineering Materials

Additional Credentials and Activities

"Portable" Industry Credentials

OSHA Card
FANUC Robotics Certification
Tooling-U Certifications
ACT Work Keys NCRC

Career Exploration

Career Research
Guest Speakers
Workplace Tours
Career-Related Projects
Community Service
Internship options in final year

