



FORT HAYS STATE UNIVERSITY
COLLEGE OF EDUCATION

TECHNOLOGY AND ENGINEERING STUDIES T2T PREREQUISITE ELIGIBILITY COURSE REQUIREMENTS

CORE COURSES	CREDIT HOURS
TECS 120 Power, Energy, & Transportation	3
TECS 130 STEM In Technology Systems	3
TECS 200 Engineering Graphics	3
TECS 312 Graphic Communication Techniques.....	3
TECS 318 Intro To CAD	3
TECS 490 Occupational Safety, Health, & Liability	2

Technology and Engineering Education Concentration

TECS 180 Materials, Processes, & Production	3
TECS 240 Plastic Processes.....	3
TECS 260 Metal Processes.....	3
TECS 280 Wood Processes.....	3
TECS 440 Maintenance & Repair of Equipment.....	1

CTE Pathway Certificate Areas - Minimum of 1 certificate required

STEM

TECS 310 Manufacturing Graphics.....	3
TECS 355 Computer-Aided Drafting.....	3
TECS 375 Robotics: Engineering Problem Solving	3

Construction

TECS 314 Furniture & Cabinet Construction	3
TECS 484 Site Prep & Foundation.....	3
TECS 485 Building Construction.....	3

Drafting/CAD Design

TECS 355 Computer Aided Drafting.....	3
TECS 415 Construction Graphics.....	3
TECS 445 Civil Drafting.....	3

Manufacturing

TECS 119 Intro to Welding.....	3
TECS 331 Machine Tool Operations.....	3
TECS 430 Computer-Aided Manufacturing.....	3

Total Technology and Engineering Education T2T Credit Hours Required39