PREPARING FOR YOUR CAREER IN:

MECHANICAL DESIGN TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE DEGREE 69 Semester Hrs Min

at ILLINOIS CENTRAL COLLEGE

MIDLAND HIGH SCHOOL

Subject	9	10	11	12
English	English I	English II	English III	English IV
Math	Pre-Algebra	Algebra I	Geometry	Alg. II or Elective
Science	Earth Science	Biology	Chemistry	Elective
Soc Sci	Geography	Elective	US History	Elective
Other Required	Health	Driver Ed.	Consumer Ed.	
Tech Emphasis	Tech Draw. Beg. CAD	-Arch. Dr -Eng. Dr. -Art I	-Art II Ad. CAD	-Art III - Prod. Woods
Electives				Co-Op
Phys Ed	Required	Required	Required	Required

Tech Prep – Combines secondary school College Prep and Technology Prep courses with a specific curriculum of study at Illinois Central College resulting in an Associate of Applied Science degree. A 2 year apprenticeship or Bachelor degree program would complete a 2 + 2 + 2 sequence. College Credit for high school coursework is possible through approved articulated course agreements or dual credit courses. See college catalog for details.

ILLINOIS CENTRAL COLLEGE

	FALL	SPRING
13	• Intro to the Tools of Tech. • Intro to Mechanical Computer-Aided Drafting • Manufacturing Processes I • Basic Composition **or** Composition I • Technical Mathematics **17 Hrs**	• Mechanical Detailing with CAD • Welding Processes • Technical Physics • Technical Math • Speech as a Comm. Process **or** Speaking-A Practical Matter • Social Science **18 Hrs**

SUMMER:

	FALL	SPRING
14	• Industrial Fluid Power • Machine Design I • Statics and Strength of Materials • 3-D Modeling in CAD • Technical Physics **17 Hrs**	• Advanced CAD Projects • Machine Design II • Mechanisms • Materials Science and Physical Metalurgy • Technical Writing • Social Science **17 Hrs**

FOR INFORMATION CONTACT YOUR HIGH SCHOOL COUNSELOR OR TECH PREP FOR CENTRAL ILLINOIS CONSORTIUM AT ICC (309) 694-5266.

TechPrep
for Central Illinois