

PREPARING FOR YOUR CAREER IN:

**MAINTENANCE MECHANIC TECHNOLOGY
ASSOCIATE IN APPLIED SCIENCE DEGREE 68 Semester Hrs Min**

at ILLINOIS CENTRAL COLLEGE

MIDLAND HIGH SCHOOL

<i>Subject</i>	9	10	11	12
English	English I	English II	English III	English IV
Math	Pre-Alg. or Bus. Math	Alg. I or Pre-Alg.	Geometry or Alg. I	Elective
Science	Earth Science	Biology	Chemistry	Elective
Soc Sci	Geography	Elective	US History	Elective
Other Required	Health	Driver Ed.	Consumer Ed.	
Tech Emphasis	- Beg. Ag. Mechanics -Tech Dr.	- Welding/Metals -Beg. CAD	-Adv. Ag. Mech. -WBL	-WBL
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	<ul style="list-style-type: none"> • Print Reading-Mechanical <u>or</u> Technical Drafting • Prin. of Dimensional Metrology <u>or</u> Mechanical Systems I • Technical Mathematics <u>or</u> Applied Geometry & Trig. • Composition I <u>or</u> Basic Composition • Welding Processes <u>or</u> Welding for Maintenance Mechanics <p style="text-align: right;">14-18 Hrs.</p>	<ul style="list-style-type: none"> • Manuf. Processes I • Technical Math <u>or</u> Technical Math • Technical Physics <u>or</u> Pre-Technical Physics • Speech as a Comm. Process • Mechanical Systems II <p style="text-align: right;">15 – 17 Hrs.</p>

SUMMER: • Industrial Facilities **3 Hrs.**

FALL		SPRING
14	<ul style="list-style-type: none"> • Statics and Strength of Materials • Industrial Fluid Power • Pumps, Piping and Seals • Electronics for Mechanics • Social Science Elective <p style="text-align: right;">16 Hrs.</p>	<ul style="list-style-type: none"> • Materials Science and Physical Metallurgy • Technical Writing • Advanced Trbleshooting • Manuf. Processes II • Social Science Elective <p style="text-align: right;">15 Hrs.</p>

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

