

PREPARING FOR YOUR CAREER IN:

**MACHINE TOOL TECHNOLOGY
ASSOCIATE IN APPLIED SCIENCE DEGREE 69 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.	Algebra I	Geometry	Elective
Science	Earth Science	Biology	Chemistry	Elective
Soc Sci	Geography	Elective	US History	Elective
Other Required	Health	Dr. Ed.	Consumer Ed.	
Tech Emphasis	-Beginning CAD -Tech Drawing	-Arch. Dr. -Eng. Dr.	-WBL -Adv. CAD	-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.

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

ILLINOIS CENTRAL COLLEGE

FALL		SPRING
13	<ul style="list-style-type: none"> Principles of Dimensional Metrology Geometric Dimensioning & Tolerancing Intro to Tool Making Machine Tool Operations I Composition I <u>or</u> Basic Composition Applied Mathematics 	<ul style="list-style-type: none"> Intro to Mechanical Computer-Aided Drafting I 3-D Modeling with CAD Machine Tool Oper. II Speech as a Comm. Process Speaking-A Practical Matter Technical Writing Technical Mathematics
15 Hrs.		17 Hrs.

SUMMER: • Fundamentals of Numerical Control Programming
• Machining Internship **4 Hrs.**

FALL		SPRING
14	<ul style="list-style-type: none"> N/C Machining, Lathe N/C Machining, Mill Machine Tool Oper. III Tool Design for Numerical Control Technical Physics I Social Science 	<ul style="list-style-type: none"> Special Machining Skills Materials Science and Metallurgy Industrial Fluid Power Statics and Strength of Materials Welding Processes Social Science
16 Hrs.		17 Hrs.

