

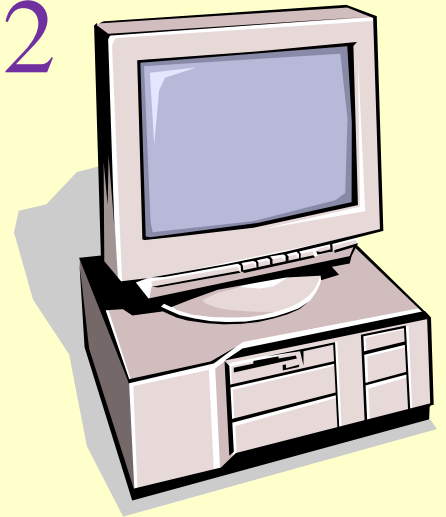
Career and Technical Education



The Road to Success ~

Plainfield District 202

North, South, Central, East
Dept. Chair – Mrs. Barney




CTE Department



- Business Education
- Family and Consumer Science
- Industrial Technology/CAD

Business Education



- According to Princeton Review—the number 1 major at colleges/universities in the United States is **Business Administration and Management**
- Why wait until college to learn about the business world?
- Get **ahead of future classmates and coworkers** by taking these classes

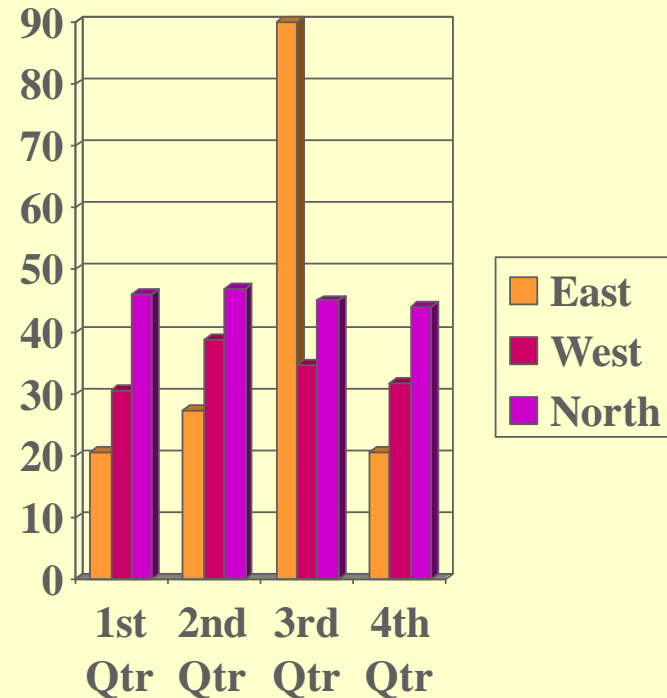
Introduction to Computer Technology (Keyboarding)

- Open to grades 9-12
- Emphasis on improving speed/technique while keying
- **DUAL CREDIT @ JJC**
but can transfer
anywhere!!
- Learn to format several documents
- Prerequisite for other computer courses

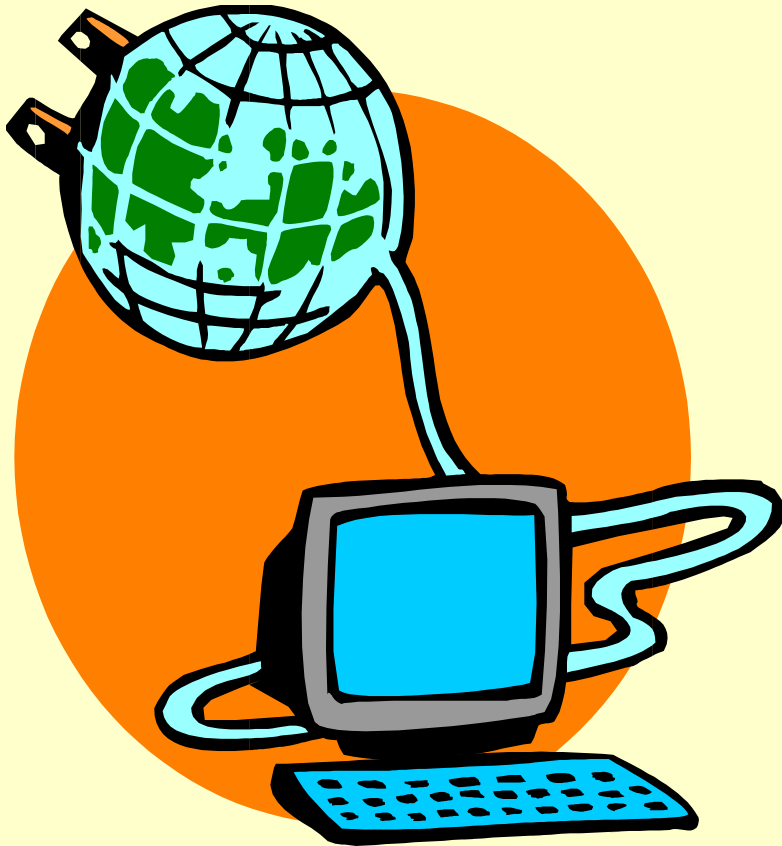


Computer Applications

- Open to grades 9-12
- “Hands-on” experience with MS Office (Word, Excel, PowerPoint, Access)
- **DUAL CREDIT (OFS 114)**
- Assists greatly with other courses taken in high school/college, and in the world of work



Desktop Publishing

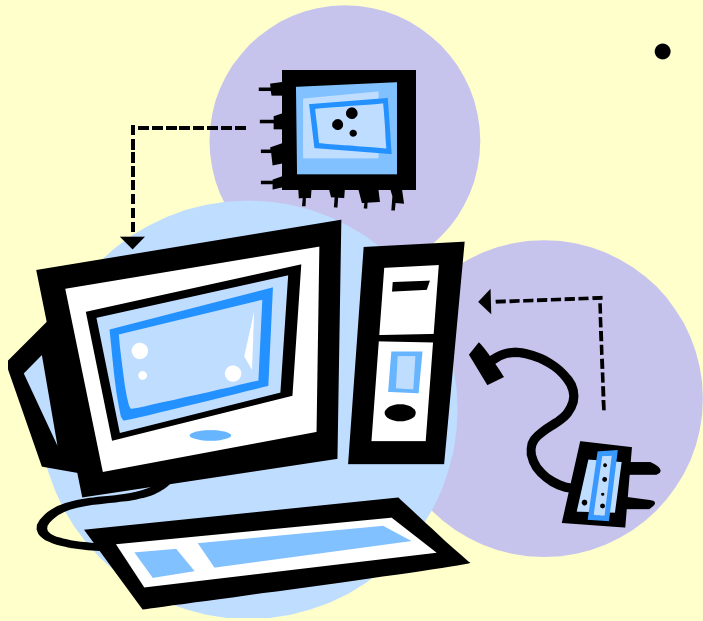


- Prerequisite—
Keyboarding
- **DUAL CREDIT**
- Open to grades 10-12
- Project oriented
- Create:
 - Newsletters
 - Brochures
 - Fliers
 - Cookbooks/calendars
 - Web Pages

Orientation to Business

- Open to grades 9-12*
- Satisfies required Consumer Education credit
- **DUAL CREDIT = ECON 107**
- Covers several interesting topics including:
 - Budgeting
 - Credit
 - Being an informed consumer
 - Banking
 - Checking Account Simulation
 - Savings and Investing
 - Insurance

Game Design



- Learn Alice 2.2—easiest way to learn concepts of computer programming
 - Create your own movies and video games
 - Video Game Design—one of the fastest growing careers with **expected 68% growth through 2016**
 - Programmers Average Salaries
 - **Entry Level: \$50,000**
 - 3-6 Years Experience: \$66,000
 - 6+ Years Experience: \$88,000
 - 10% of U.S. colleges use Alice

Entrepreneurship



- Course Objectives
 - Identify skills required to be a successful entrepreneur
 - Analyze type of business ownership
 - Develop a business plan
 - Identify steps necessary to operate a business
- Open to grades 11-12

Accounting

- **Accounting I**

- Open to grades 10-12
- Year long course
- AUTOMATED SIMULATION

- **DUAL CREDIT 2012**

- Basics of accounting (a MUST for anyone interested in majoring in accounting, finance, economics, marketing, hotel management, etc.)

- **Accounting II**

- Open to grades 11-12
- Prerequisite Accounting I
- AUTOMATED Accounting Software

Sports Marketing (Entertainment & Advertising)

- REVAMPED CURRICULUM!
- Open to grades 10-12
- Focusing on principles of marketing/advertising
- Projects based on real world situations in the sports and entertainment industry



Free Agency



CTE COURSE SEQUENCE & OPTIONS IN CTE/ BUSINESS

*** DUAL CREDIT
2011-2012**

***INTRO TO PC TECH
*(KEYBOARDING)
OFS 101 - 3**

**ORIENTATION TO BUSINESS*
ECON 107 - 3**
fulfills graduation requirement

SPORTS MARKETING

**COMPUTER
APPLICATIONS
OFS 114 - 4
* OFFICE SUITE!**

GAME DESIGN

BUSINESS LAW

**DESKTOP PUBLISHING*
OFS 113 - 3**
cookbook, calendar, etc

ENTREPRENEURSHIP

**BUSINESS
COMMUNICATIONS
* Bus 111 - 3**

**ACCOUNTING*
ACCY 101 - 4**

**WORK INTERNSHIP -
3 CREDITS -
APPLICATION/
INTERVIEW**
fulfills graduation
...**

**ADV.
ACCOUNTING**

**juniors &
seniors only:**



BY TAKING 15-25 HOURS OF CTE DUAL CREDIT in HIGH SCHOOL, a PSD 202 student could begin college as a 2nd semester freshmen...regarding registration



Family and Consumer Science

- Includes classes that will help in your personal lives and in possible careers in the food industry, entertainment, day care, education, social work, and counseling
- *2 CLASSES DUAL CREDIT*



2012-2013





Child Development

- Open to grades 9-12
- Covers growth of children from prenatal development through the first three years
- Great for students interested in education, child care, or social work
- This is the prerequisite course for Advanced Child Development I

Advanced Child Development 1

- Open to grades 10-12
- Covers intellectual, physical, social, emotional development of 3-5 year olds
- **PRESCHOOL LAB**
teaching – working with children
- May work towards Child Dev. Associate credential



Advanced Child Development 2

- Open to grades 11-12
- Observations, lesson plans, resume
- **PRESCHOOL/Student Aide in the elementary schools**
- May continue working towards Child Dev. Associates credential



Foods I

- Classroom and laboratory experience
- Plan and prepare food
- Cooking!!!!
- Apply nutrition concepts
- (Foods 1 needed for
- **Foods 2 & 3 – each are**
- **Dual credit - 2012**



Foods II

- *Prepare food with specific characteristics*
- **DUAL CREDIT 2012**
- *Real hands-on experience weekly!*
- Discuss
 - Careers in food service
 - Foods science and human nutrition
 - Ethnic foods, diet and health practices
 - Nutritional guidelines
 - Planning for special dietary needs
 - Foods I required – 1 semester each



Foods III

- Culinary Arts Careers!
- **DUAL CREDIT 2012***
- Discuss
 - Careers in culinary
 - Ethnic foods, diet and health practices
 - Safety and sanitation certification!
 - Planning for special events/catering



Clothing, Textiles, and Fashion I



- Open to grades 9-12
- Topics include:
 - Create, design and construct fashion projects
 - Participate in end of year Fashion Show
 - New technology in fashion and sewing construction
 - Fashion Designers and cultural influences of fashion
 - Career options within the fashion industry

Clothing, Textiles, and Fashion II

- Prerequisite-Clothing I
- Open to grades 9-12
- Learn advanced design and sewing techniques
- High Fashion / Couture



Parenting



- Open to grades 11-12
- BABY THINK IT OVER-
Weekend project
- Evaluate parenting styles, discipline techniques and health and safety concerns of infants through adolescence



CTE COURSE SEQUENCE & OPTIONS IN FAMILY AND CONSUMER SCIENCE

* DUAL CREDIT 2011-2012

FOODS & NUTRITION 1

CHILD DEVELOPMENT

CLOTHING, TEXTILES, & FASHION 1

FOODS & NUTRITION 2 (CULINARY PREP)

** HOSP 120- 3 (credit for Fd 1 & 2)

ADVANCED CHILD DEVELOPMENT 1 w/ PRESCHOOL!

CLOTHING, TEXTILES, & FASHION 2

PARENTING- with "BABY THINK IT OVER" simulation

FOODS & NUTRITION 3 (CULINARY PREP, BANQUETS)

** CA 106 - 2 SAFETY/ SANITATION EXAM

NUTRITION & WELLNESS - new format - PE or CTE credit!

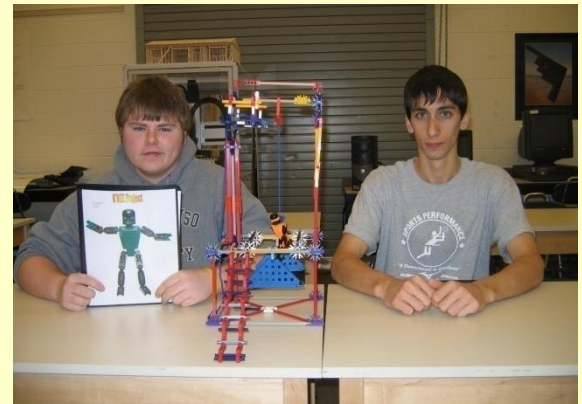
ADVANCED CHILD DEVELOPMENT 2 w/ Preschool & STUDENT AIDES IN ELEMENTARY CLASSES.

juniors & seniors only:

Foods 3 offers safety/sanitation exam for dual credit

Industrial Technology – Computer Aided Design & Drafting

- Technical Cad – leads to :
- 3D Solid Modeling
- Engineering CAD
- Architectural CAD I & II





Technical Cad

- Open to grades 9-12
- *Pre-engineering * University of Illinois!*
- Introduction to Computer Assisted Drafting—great introduction for those interested in engineering, architecture, construction, etc.
- *All work done with CAD software in lab with new equipment and 3-D printer!**

3D Solid Modeling

- Open to grades 9-12

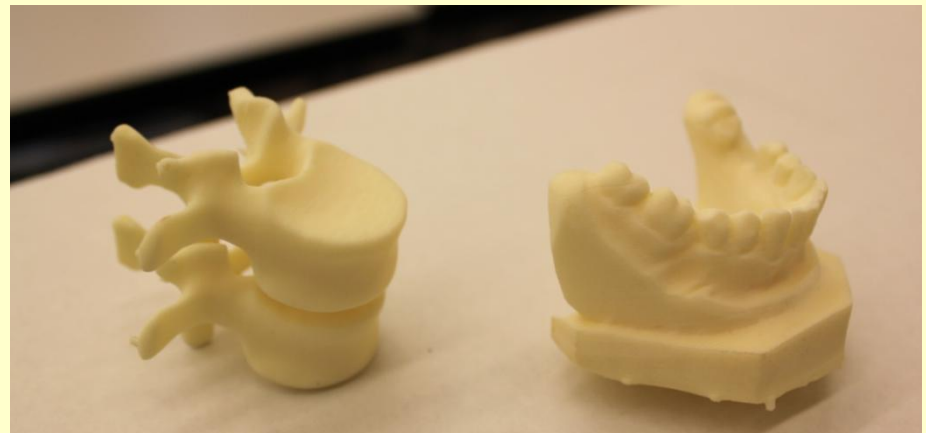
- Advanced CAD class

- Develop own project

- New 3-D Printer!

- 3D modeling, projections, graphs, charts

- Pre-engineering * @University of Illinois or others...!

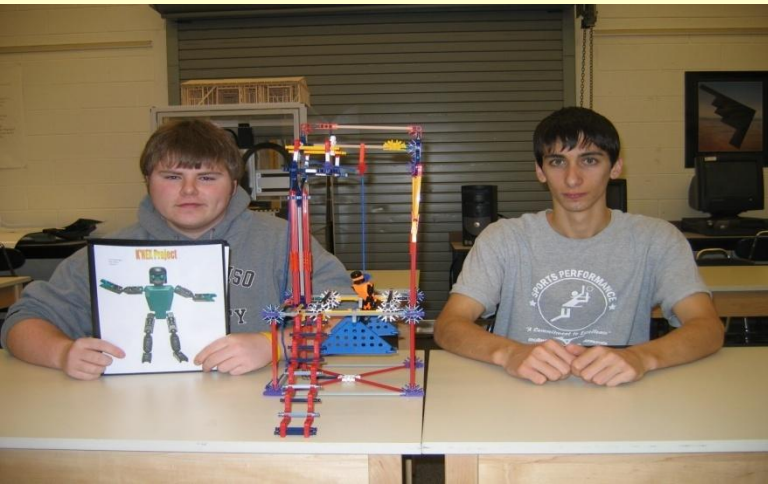


Architectural CAD I

- Open to grades 9-12
- Become familiar with building codes, area planning, building details, and design
- Design a home of your choice including plot, foundation, layout, etc.
- Pre-engineering * University of Illinois!



Architectural CAD II



- Open to grades 10-12
- Learn to design with Architecture CAD Software.
- Become familiar with building codes, area planning, building details, and design
- Design a home of your choice including plot, foundation, layout, etc.
- *Pre-engineering * University of Illinois!*

Engineering CAD



- Open to grades 10-12
- Advanced CAD class
- 3D parametric modeling, projections, graphs, charts
- Develop own project
- Pre-engineering * University of Illinois!

CAD Studio



- Students will research, design, and develop an extensive culminating project relying on their previous CAD training in either Architectural CAD II or Engineering CAD. S
- Student will periodically evaluate project status, make appropriate modifications, and document project from beginning to completion.
- Upon completion of project, student will make a presentation to the instructor and class.

CTE COURSE SEQUENCE &
OPTIONS IN
INDUSTRIAL TECHNOLOGY

TECHNICAL CAD

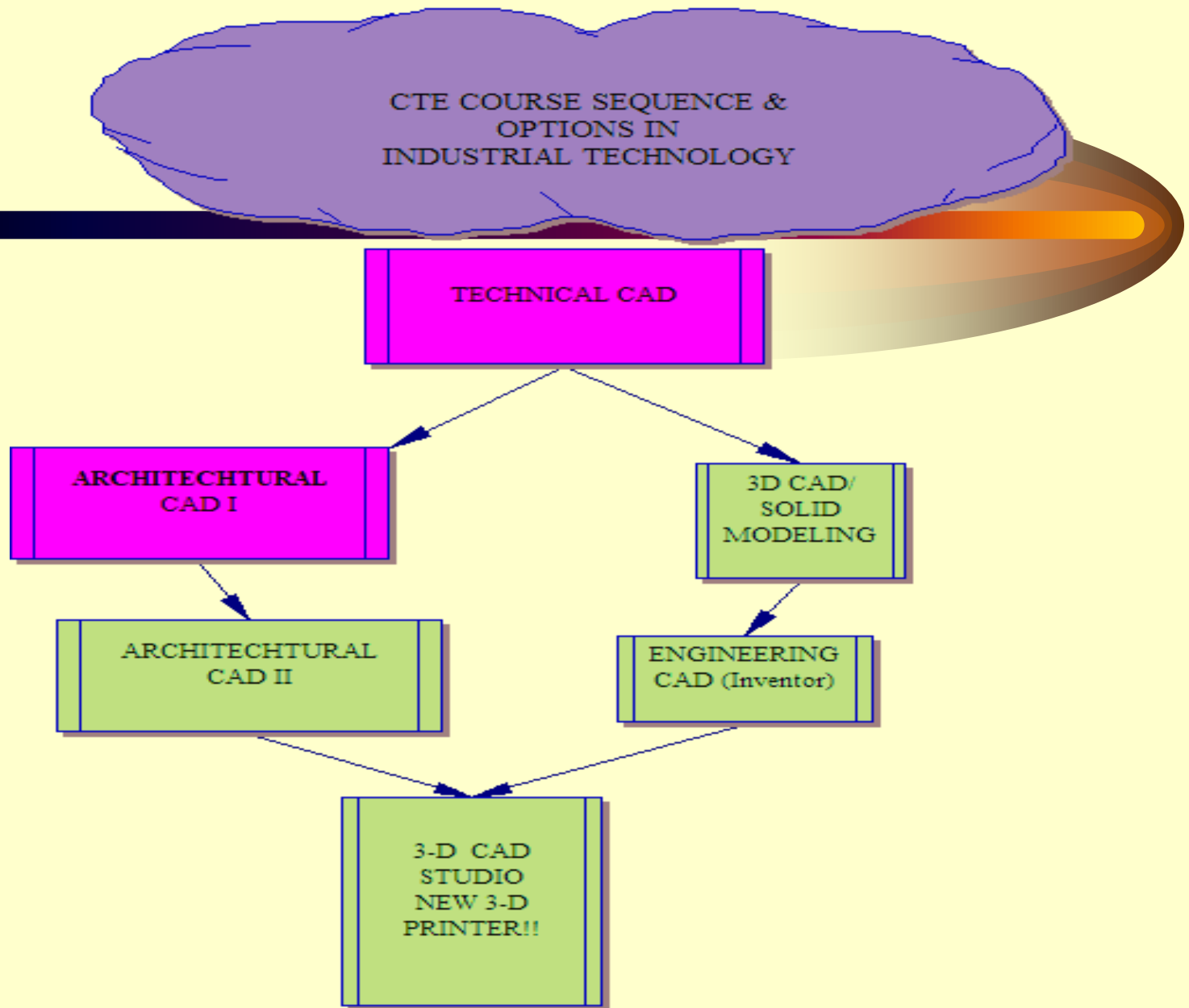
ARCHITECTURAL
CAD I

3D CAD/
SOLID
MODELING

ARCHITECTURAL
CAD II

ENGINEERING
CAD (Inventor)

3-D CAD
STUDIO
NEW 3-D
PRINTER!!



CAREER & TECH ED

- C T E
- IT'S THE PLACE TO BE!
- IT'S RIGHT FOR ME
- Business, FACS, and IT!

