



## January 2012 Newsletter

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\*\* The Delaware Community School Corporation provides reasonable accommodations to persons with disabilities attending school activities. If you or a guest plan to attend an event at one of our schools and require special accommodations, please call the school at least 48 hours in advance so the school may have a reasonable opportunity to provide an accommodation.

### Important Dates at Delta High School

Dec. 21 – Jan. 2	Winter Break – No School
Jan. 3	School resumes for 2 <sup>nd</sup> Semester
Jan. 3	School Board Meeting – 6:30 PM
Jan. 16	Martin Luther King Holiday Observed – No School/Possible Make Up Day
Jan. 21	Senior Ball, Cornerstone Center, 7:00 – 10:00 PM
Jan. 24	Herff Jones Class Ring presentation to Freshmen during SRT
Jan. 27	FFA Chili Supper – DHS Commons

### Track Pre-Season Conditioning

The boys and girls track teams will begin pre-season conditioning on January 9<sup>th</sup>. Conditioning will run on Mondays, Wednesdays and Fridays from 3:45-4:45. If you have any questions contact Coach Parker at [jparker@delcomschools.org](mailto:jparker@delcomschools.org) or 288-5597.

### Delta Troupers

The Delta Troupers presentation of *Flowers for Algernon* went exceedingly well on December 17<sup>th</sup> and 18<sup>th</sup>! The students did a FANTASTIC job, and there was nothing but praise from audience members. Awesome job, Troupers! Let's rest up and then think ahead to next semester!

NOTE: Special notes of recognition go out to Sharon Smith, Barry Zachary, Julie Griffin, and the crew at The Attic Window. This play was so much more because of your assistance!

D. Raleigh, Director

### Yearbook Senior Ads

Information for the annual Senior Ads in the Deltonian yearbook will be mailed to parents of seniors early in January. The ads are a tradition where parents, grandparents, and others can place congratulatory messages to their seniors in the back section of the yearbook. The ad sizes and prices remain the same:

- One-eighth page ad = 30 words and 1 photo for \$30
- One-fourth page ad = 60 words and 2 photos for \$60
- One-half page ad = 100 words and 4 photos for \$90

Complete information and order forms will be sent to parents soon. For more information, contact Tim Cleland at 288-5597 or [tcleland@delcomschools.org](mailto:tcleland@delcomschools.org)

### **Yearbook Business Ads**

Business Ads also will go on sale after the first of the year for the Deltonian yearbook. Business ads are offered in two sizes, one-eighth page for \$50 and one-quarter page for \$100. The ads are full color and can include a photo of Delta students at the business for additional interest and exposure for the ad. Anyone who purchases a business ad is also eligible to purchase a 2012 yearbook at a 33% discount (just \$30 instead of \$45). For more information, contact Tim Cleland at 288-5597 or [tcleland@delcomschools.org](mailto:tcleland@delcomschools.org).

### **Freshman Workers Needed**

Freshmen workers are needed to help work concessions for the freshmen basketball game on January 23<sup>rd</sup> from 5:15 to 7:15. If interested, please contact Mrs. Waugh or Mrs. Needham in Room 103.

### **FFA Chili Supper**

Come and enjoy a hearty bowl of chili prior to the Wapahani basketball game Friday, January 27, 2012. The Delta FFA will be holding a Chili Supper from 4:30-8 pm in the commons. Cost is \$6 and \$3 for children 10 and under, price includes chili, peanut butter sandwich, and drink. The Student Council will be having a bake sale and raffle to benefit Albany Elementary student, Amanda Kirby. Please come out and support Delta Boys Basketball and Amanda Kirby and enjoy a bowl of soup. **All proceeds of the chili supper will go to the Ray Brewer scholarship fund.**

### **Dual Credit History**

Parents if your student has scored 46 on both the reading and writing on the PSAT or 460 on both the reading and writing on the SAT they will automatically qualify to earn dual credit in US History. Students must earn a 73% or higher in the dual credit class to be awarded the credit. The class is offered through Ivy Tech and is 3 hours of FREE credit. As your student schedules they can make the following choices:

#### **Current Sophomores:**

Block Class – American Studies Honors American History/English. This class is team taught by Mr. Omstead (Honors English) and Mrs. Ervin (Dual Credit US History) and is a thematic class. The literature in English follows the themes in US History. It is the Honors selection for Junior English.

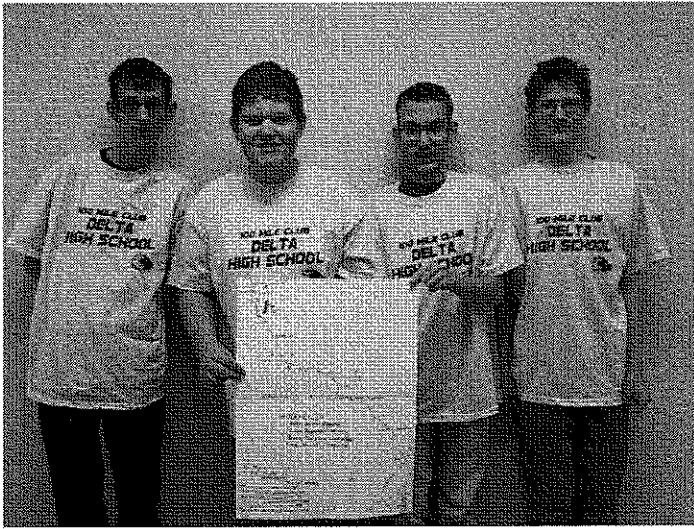
OR

US History Dual Credit - This is a regular class period US History class and is taught by Mrs. Ervin. This will be a challenging dual credit offering.

#### **Current Juniors:**

US History Dual Credit/Advanced Social Studies Credit - Students who have already taken US History can take it for dual credit and receive the 3 hours from Ivy Tech and also receive 2 credits of Advanced Social Studies credit at the high school.

Current Sophomores and Juniors who do not meet the PSAT/SAT prerequisites can also sign-up for these classes and qualify through the Compass Test taken on the Ivy Tech campus. This test is challenging but we have a number of students who have gained credit through this option. If you have any questions please contact Pat Ervin at [pervin@delcomschools.org](mailto:pervin@delcomschools.org).



Congratulations to these students: Jacob Reynolds, Cody Norris, Alex Smith, and Donny Youngdale.

They all walked over 100 miles in their 3<sup>rd</sup> period physical education class! This distance is the equivalent of a trip to Kings Island from Delta High School. The boys have not yet decided whether they are going to walk the distance back next semester or keep walking South!

## GUIDANCE NEWS - January 2012

### SAT / ACT Testing:

Delta High School CEEB number: 152480

Code to take test at Delta High School: 15585

To report scores to the NCAA Clearinghouse - NCAA Code 9999

To report scores to the NAIA Clearinghouse - NAIA Code 9876

It is recommended that students take the SAT or ACT test for the first time during the spring of their junior year of high school.

SAT Testing: Register at: [www.collegeboard.org](http://www.collegeboard.org)

<u>Test Date</u>	<u>Registration Deadline</u>	<u>Late Registration Deadline</u>
January 28	December 30	January 13
March 10	February 10	February 24
May 5	April 6	April 20
June 2	May 8	May 22

ACT Testing: Register at: [www.actstudent.org](http://www.actstudent.org)

<u>Test Date</u>	<u>Registration Deadline</u>	<u>Late Registration Deadline</u>
February 11	January 13	January 20
April 14	March 9	March 23
June 9	May 4	May 18

### Scholarships:

Scholarship information is posted as it arrives. If there is a web address, the application must be made online. If no web address is posted, the application is available from Mrs. Stinson in the Guidance Office. Please check the Guidance area of the Delta High School website for senior announcements and scholarship information:

[www.delcomschools.org/dhs](http://www.delcomschools.org/dhs)

"Guidance" on left

"Scholarships Currently Available" (highlighted)

Scholarships Currently Available with January deadline dates:

January 15 – Indiana Association for Health, Physical Education, Recreation, and Dance (IAHPERD)

January 25 – Knights of Pythias Educational Assistance Program

January 31 – Ball State University School of Business – Miller Scholars Program

IU – East, Richmond – If you are planning to attend IU East, see your counselor about automatic scholarships that can be awarded by attaching the form to your admission application. These range from \$8,000 to \$24,000.

Websites

[www.Indianacareerexplorer.org](http://www.Indianacareerexplorer.org) build an educational plan/explore/prepare for options after high school.

[www.indianacollegecost.org](http://www.indianacollegecost.org) an excellent resource for college selection, admission, entrance exams, and costs.

Muncie Area Career Center

The career center will meet with all 10<sup>th</sup> grade students on Thursday, January 5<sup>th</sup> to present information on their programs. Students may begin to plan the Career Center into their schedules for their Junior and/or Senior years of high school. Students have an option of taking either the morning or afternoon session. This will take 3 of their seven class periods from Delta High School. If a student takes the morning session at the Career Center, they will take four classes at Delta. A student attending the Career Center in the afternoon will take three classes at Delta. Delta will provide transportation for students attending the afternoon session.

FAFSA Night at Delta High School

Wednesday, February 29, 2012 – 8:40 am to 7:00 pm

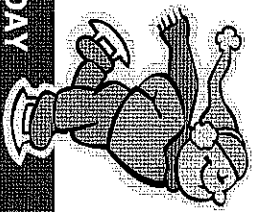
Delta High School will host a FAFSA night for all seniors and their parents that wish to have assistance completing their FAFSA form. Experts will be on hand to help you complete the form and answer all of your questions.

What you will need: All financial information, tax forms for 2011 filed in 2012, social security numbers, email addresses, etc.

Also, there will be a Twenty-First Century Scholars Senior Exit meeting from 4:30 to 5:30 for any senior that is part of this program. The senior exit meetings are scheduled on several different dates throughout the county. It is mandatory for seniors to attend one of these meetings. The Delta meeting is for Delta students only and would be an excellent time for seniors to complete this obligation.

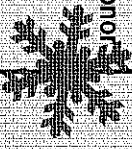
Scheduling for 2012 – 2013

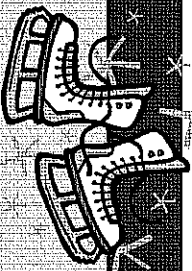
We are currently meeting with students to plan schedules for next year. We first meet with students in large groups and then individually. We will review current courses, grades and credits earned to determine remaining graduation credit requirements.



# January

## DHS/DMS Lunch Menu

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>2 Happy New Year!</b> Assorted Pizza Stuffed Taco Breadsticks Tossed Salad Buttered Corn Peaches Cinnamon Applesauce Milk	<b>3 Chipotle Chicken Sandwich</b> Turkey Sub w/ baked Chips French Fries Tossed Salad Apricots Applesauce Milk	<b>4 Soft Chicken Tacos</b> Bacon Cheeseburger Chips & Salsa Baked Beans Fresh Veggies w/ Dip Peaches Rice Crispie Treat Milk	<b>5 Chicken Nuggets</b> w/ Hot Wheat Roll Assorted Pizza Broccoli Cheese Casserole Sweet Potato Fries Peas Fruit Juice Bar Milk	<b>6 Toasted Cheese</b> Stuffed Breadsticks Tomato Soup w/crackers Peas & Carrots Pineapple Baked Apple Slices Milk
<b>9 Assorted Pizza</b> Stuffed Taco Breadsticks Tossed Salad Buttered Corn Peaches Cinnamon Applesauce Milk	<b>10 Turkey Manhattan</b> w/ wheat roll Mini Corn Dogs Mashed Potatoes Buttered Peas Baked Apple Slices Fresh Fruit Milk	<b>11 Chicken Fryz</b> w/ Breadstick Foot long Hot Dog Baked Fries Tossed Salad Assorted Fruit Juice Peas Milk	<b>12 Sloppy Joe</b> Cheeseburger Tossed Salad Baked Beans Mandarin Oranges Applesauce Cake w/ Icing Milk	<b>13 Pancakes w/ Sausage &amp; Egg Patty &amp; Syrup</b> Mini Sub w/ baked chips Baked Hash Rounds Carrot Sticks Orange Juice Strawberries & Bananas Milk
<b>16 No School</b> <b>Martin Luther King Day</b> Possible Snow Make Up Day! Alternate Menu below	<b>17 Turkey Tetrazzini</b> w/ Wheat Roll Hamburger Mashed Potatoes Green Beans Oranges & Pineapple Peas Milk	<b>18 Country Fried Steak</b> w/ Biscuit Corn Dog Mashed Potatoes Buttered Corn Applesauce Fresh Fruit Milk	<b>19 Spaghetti</b> w/ Garlic Toast Turkey Sub w/ baked chips Tossed Salad Buttered Broccoli Fresh Grapes Strawberry Applesauce Milk	<b>20 Chicken Nuggets</b> w/ Garlic Toast BBQ Rib Sandwich Tossed Salad Peas & Carrots Peaches Apple Crisp Milk
<b>23 Assorted Pizza</b> Chili w/ PB Sandwich Baked Potato Spinach Salad Apples w/ Carmel Dip Pineapple Milk	<b>24 Taco Salad</b> Chicken Patty Black Bean Salsa w/ Chips Buttered Peas Applesauce Peas Milk	<b>25 Chicken Noodles w</b> Wheat Roll Meatball Sub Tossed Salad Green Beans Peaches Assorted Juice Milk	<b>26 Egg &amp; Cheese Omelet</b> w/ Sausage Gravy & Biscuit Pork Fritter Baked Tator Tots Tossed Salad Baked Apple Slices Fresh Fruit Milk	<b>27 Popcorn Shrimp</b> w/ String Cheese Toasted Cheese Pizza Soup Tossed Salad Cherry Crisp Peaches Milk
<b>30 Macaroni &amp; Cheese w/ PB Sandwich</b> Walking Taco Tossed Salad Chips w/ Salsa Strawberries & Bananas Milk	<b>31 Baked Turkey w/ Wheat Roll</b> Cheese Pizza Mashed Potatoes Spinach Salad Apricots Peaches Milk	<b>January is National Blood Donor Month!</b>  Snow Make Up Day Menu Hamburger PB & J Baked Fries California Blend Applesauce Orange Juice Milk		



### Breakfast

#### Monday

Cinnamon Twist

#### Tuesday

Mini Sausage Pancakes

#### Wednesday

Breakfast Pizza

#### Thursday

Biscuit & Gravy

#### Friday

Breakfast Sandwich

Breakfast Cost:

\$1.25 per day

.30 per day reduced

Get your football jersey ready to wear during our Super Bowl celebration on February 3rd!

# Delta High School Adult Fitness & Wellness Calendar – January 2012

S	M	Tuesday	W	Thursday	F	S		
	1	2	3	4	5	6	7	
		8	9	10	11	12	13	14
	15	16	17	18	19	20	21	22
	29	30	31	6:00				

**No Adult Fitness  
Due to Athletic Events**

**Please note that Adult Fitness is scheduled from 6:00 - 8:00 p.m. this year.**

**Pool hours: 6:00 p.m. – 7:45 p.m.**

# **TECHNOLOGY**

# **EDUCATION**

## **Design Processes /Computer Aided**

### **Drafting (CADD)**

**Grade Level 9-12 2 Semesters 2 Credits**

\*Credits transfer to Ivy Tech. or any state school with completion of second year.

This year long course allows the student to perform introductory skills in the area of computer aided drafting and design. He or she will perform basic skills in the areas of mechanical and architectural drafting. Students will be confronted with problems dealing with design. Technical Honors Diploma elective or a Core 40 directed elective as part of a technical career area.

**Prerequisites: None**

## **Computers in Design and Production**

### **(VEX Robotics)**

**Grade Level 10-12 2 Semesters 2 Credits**

\*Credits transfer to Ivy Tech. or any state school with completion of second year.

This two-semester course helps students master the fundamentals of robotics and the engineering design process. This course will also provide the student with the knowledge to perform advanced applications using other computer aided drafting, such as 3D modeling, robotics, and computer animation. Students will be expected to perform intermediate drafting and design skills with advanced applications in the areas of engineering, computer aided drafting, and design. Students will be engaged in experiences with the newest versions of AutoCAD, Inventor, and Revit. This course also includes the VEX Robotics curriculum and competitions. Technical Honors Diploma elective or a Core 40 directed elective as part of a technical career area.

**Prerequisite: Design Processes and/or**

**Introduction to Engineering (PLTW)**

## **Manufacturing Systems and Processes**

**Grade Level 9-12 2 Semesters 2 Credits**

A broad course that explores the application of tools, materials, designing, and producing a manufactured product. Students will explore techniques used in applying technology to change industrial materials into a finished product. During the second semester, students will experience job-like situations. Students will form a company, design, advertise, manufacture, and sell the products developed. During the second semester students will be expected to sell stock and earn an hourly wage.

**Prerequisites: None**

## **Construction Systems and Processes**

**Grade Level 9-12 2 Semesters 2 Credits**

This year long course explores the application of tools, materials, and energy in developing, producing, using and assessing constructed works. Students will explore techniques used to apply technology in producing residential, commercial, and industrial buildings and a variety of civil structures. The second semester explores the technological processes used to produce residential, commercial, and industrial buildings and a variety of civil structures. Technical Honors Diploma elective or a Core 40 directed elective as part of a technical career area.

**Prerequisite: None**

## **Independent Study Technology Education**

**Grade Level 11-12 2 Semesters 2 Credits**

This course is designed for those students desiring an in-depth study in the Industrial Education field. Students may choose their area of study. They must submit a proposal and meet department guidelines and obtain approval from the Technology Education Committee.

**Prerequisite: None**

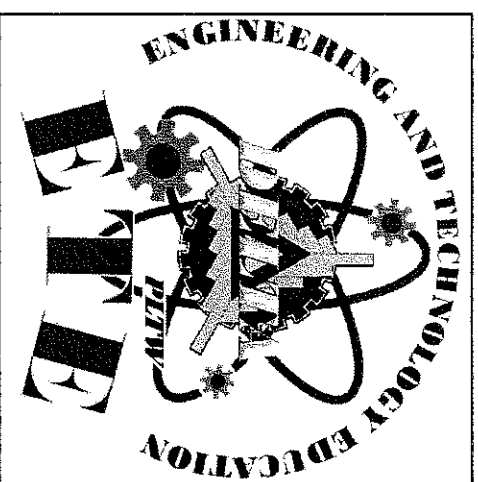
# **ENGINEERING**

# **&**

# **TECHNOLOGY**

# **EDUCATION**

Course Descriptions  
2012-2013



## **21st Century Knowledge**

Software:

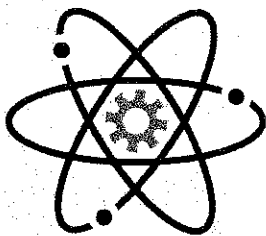
Auto-CAD, Inventor, Revit,  
Corel Draw, GIMP, Edgecam,  
Lynxmotion, CNC Motion, Robocell,  
RobotC, & Easy C

**Engineering and Technology Ed.**

Features 24 Dual Credit Hours

**Technical Certification**

Earn Up to One Year of College Credit



PROJECT LEAD THE WAY

# PLTW

## ENGINEERING

### Project Lead The Way -

“PLTW” – has developed a four-year sequence of courses which, when combined with college preparatory mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college.

*Upon completion of each PLTW course, and the exit exam, students will receive college credit at a variety of national and in-state schools including the Purdue School of Technology.*

### INTRODUCTION TO ENGINEERING DESIGN

Grade Level 9 – 12      2 Semesters      2 Credits  
\* A Project Lead the Way Course.

Introduction to Engineering Design is an introductory course, which develops student problem solving skills with emphasis placed on the development of three-dimensional solid models. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. The techniques learned, and equipment used, is state

of the art and is currently being used by engineers throughout the United States.  
Recommended prerequisite: Successful completion of Algebra I.

### PRINCIPLES OF ENGINEERING

Grade Level 10 – 12      2 Semesters      2 Credits  
\* A Project Lead the Way Course.

Principles of Engineering is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem solving skills that are involved in postsecondary education programs and engineering careers. They will also learn how engineers address concerns about the social and political consequences of technological change course.  
Recommended prerequisite: Introduction to Engineering.

### CIVIL ENGINEERING AND ARCHITECTURE

Grade Level 11 – 12      2 Semesters      2 Credits  
\* A Project Lead the Way Course.

The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. The course provides students freedom to develop the property as a simulation or for students to model the experience that civil engineers and architects face. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture.  
Recommended Prerequisites: Completion of two Project Lead the Way courses.

### COMPUTER INTEGRATED MANUFACTURING

Grade Level 11 – 12      2 Semesters      2 Credits  
\* A Project Lead the Way Course.

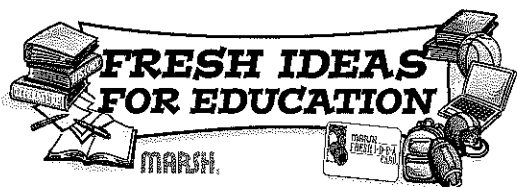
Computer Integrated Manufacturing is a course that applies principles of rapid prototyping, robotics, and automation. This course builds upon the computer solid modeling skills developed in Introduction of Engineering Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solutions using various techniques of analysis and make appropriate modifications before producing their prototypes.  
Recommended Prerequisites: Completion of two Project Lead the Way courses.

### ENGINEERING DESIGN AND DEVELOPMENT

Grade Level 12      2 Semesters      2 Credits  
\* A Project Lead the Way Course.

Engineering Design and Development (EDD) is intended to be a cumulative capstone course that encompasses not only the other four Project Lead The Way (PLTW) courses, but also college-prep Math, Science, and English. This curriculum is designed to allow the student to learn how to solve technical problems by following the same tried and true methodologies that scientists and engineers use on a daily basis. Due to the unique nature of these methods to the high school environment, a large amount of flexibility, student independence and student accountability are necessary. Each student will be working on something completely different from his or her team members and the teams will be working on widely varying projects.  
Recommended Prerequisites: EDD, POE, CEA, CIM and/or Instructor Approval

*An Academic and Technical Honors Diploma elective or a Core 40 directed elective as part of a technical career area. EDD is a college preparation course and is a part of a pre-engineering program. Students are also expected to complete a college preparatory sequence of courses in mathematics.*



# Support Our Students at

## DELTA HIGH SCHOOL

Enroll your Marsh Fresh IDEA card, O'Malia's CouponPlus card or MainStreet Market Reward\$ card and help our school earn FREE educational equipment every time you shop.

[www.marsh.net](http://www.marsh.net)

— or —

complete the form below

Our 5 digit school code is:  
**29051**



If you wish, you can complete the form below, and have your student return it to his/her homeroom teacher.

12 Digit Marsh Card # (located beneath bar code on your card)	I registered for our school online*	Customer Name
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\* If you registered online, please do not fill in your Card number, fill in the checkmark and your name.