

# Diversified Career Technology

Chris Folsom  
DeLand High School  
386-822-6909 ext. 23408  
Building 18, Room 103  
cjfolsom@volusia.k12.fl.us

## **COURSE DESCRIPTION**

This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America's economic principles; Entrepreneurship principles; relate planning methods to life and career goals; and use of industry/technology principles in the workplace.

## **COURSE EXPECTATIONS**

**Computer Lab:** The students are not to change any settings, download any files or play games on the computers. Food and drink are not allowed in the labs.

**Absences:** Students are responsible for making up notes, classwork, quizzes, and tests after an absence. Missed assignments must be made up **outside** of normal class time (at lunch or after school or at home when possible) on a date approved by **the teacher**. Most classwork is updated daily on Edmodo.

## **Grades:**

	Class Work (Formative) = 40%
	Quizzes/Test/Projects (Summative) = 60%
A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%

\* An overall GPA of 2.0 and a passing grade in DCT/Principles is required to participate in the OJT program.

**Late Work:** Assignments are due on specified dates. Work must be submitted in the correct manner to receive credit. Students turning in assignments late will be subject to loss of points unless other prior arrangements have been made (for example: excused absences). Late assignments will not be accepted after the assignment week unless other prior arrangements have been made.

**Need Assistance?** If you require assistance with projects, need reinforcement, or need an extension on a project, it is your responsibility to ask for assistance. I want you to be successful.

## **Supplies:**

- ✓ Folder or 3-ring Binder (Section: For storing handouts and assignments)
- ✓ Notebook (70-100 sheets): For daily writing activities
- ✓ Pen or Pencil

# Diversified Career Technology/OJT

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## **COURSE DESCRIPTION**

This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained.

## **COURSE EXPECTATIONS**

**Paperwork:** The students are expected to keep and maintain accurate records required state mandated paperwork to track employment, progress and time sheets

**Absences:** Students who are absent from normal school day classes are not eligible to attend work on those same days.

## **Grades:**

Grades will be based on work performance/evaluation and maintaining proper paperwork.

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%

\* An overall GPA of 2.0 and a passing grade in DCT/Principles is required to participate in the OJT program.

**Need Assistance?** If you require assistance with projects, need reinforcement, or need an extension on a project, it is your responsibility to ask for assistance. I want you to be successful.

## **Travel:**

- ✓ This course does require students to leave campus for employment and to supply their own means of transportation.

# **Mr. Folsom Course Syllabi and Expectations 2017 – 18 School Year Engineering Technology Syllabus 2**

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**DeLand High School ENGINEERING TECHNOLOGY Course Syllabus 2016 – 17**

Teacher Name: C. Folsom Term: 2016 –

Course Name: **Engineering Technology** Course #: 8401110, 8401120, 8601770

### **Suggested Materials:**

1 ½" 3-ring binder Scientific calculator Flash drive Section dividers Pencils Printer paper Loose-leaf college-ruled paper Ruler Locker (Bldg 17 or 15)

### **Course Objectives:**

The purpose of this course sequence is to provide students with a strong foundation of knowledge and technical skills in the areas of engineering, manufacturing, and design. Students will apply leadership skills and demonstrate talents using engineering processes and systems, as well as state of the art instruments and machines. Students will also develop research and problem solving skills to design, construct, test, and evaluate models and prototypes.

### **Major Units:**

State standards for Engineering Technology (see

[http://www.fldoe.org/workforce/dwdframe/eng\\_tech\\_frame13.asp](http://www.fldoe.org/workforce/dwdframe/eng_tech_frame13.asp)) will

be organized into four primary approaches for learning: \_ Amatrol Trainers – automated materials handling, design processes, electrical systems, fluid power, & machining \_ Design Projects – critical thinking and problem solving skills as well as teamwork and cooperative learning \_ CAD Platforms – whole group instruction focusing on AutoCAD, Architecture, and Inventor \_ Traditional Lessons – topics will emphasize manufacturing processes Integration of core courses, along with college and career planning, will be included in the above learning opportunities.

### **Major Projects:**

Students will research and present information related to topics included in our curriculum. Students will also design, create, and test various design projects that will be used to enhance our curriculum along with integrating interdisciplinary concepts, skills, and applications. Such projects are designed with student input and will be developed during the school year. **NOTE:** Students will be responsible for gathering some materials for such projects, most of which can be found around the home or recycled from previous projects – depending on student-chosen design and development. Cooperative teamwork is strongly encouraged in order to develop social skills while working with other people for a common goal.

### **Methods of Assessment: NOTE:**

40% Formatives (e.g., classwork, homework, & lab activities) A teacher may override the final grade if a 60% Summatives (e.g., tests, projects, & reports) student's overall performance warrants it. 173 **2016 – 17 Class**

## **Policies and Procedures Mr. Folsom**

The "Be -Attitudes" to be successful in this class:

### **BE PRESENT**

While your grade is not connected directly to your attendance, there has been shown a positive relationship between good attendance and success in this course. The school's make -up work policy (please refer to the Student Handbook) for assignments missed during absences will be followed, wherein students who do not bring an excuse note within the 2 days of their return to class may be given an alternative assignment. This excuse note should include the student's name, alpha code, date(s) of absence(s), reason, and signature of parent/guardian, and submitted to the Attendance Office in the Clinic before school. If you will be absent for more than 2 days due to illness or family emergency, please consider making arrangements to pick up missed assignments through the main office (tel 386.822.6909). Also, having only 50 minutes for a lab-based class, we must use our time effectively and efficiently for the lessons and tasks. Permission will **NOT** be given during class for personal business (i.e. office, athletics, locker, phone calls, etc). In addition, please plan bathroom breaks accordingly around class time.

### **BE PROMPT**

Students will be expected to work from bell-to-bell. You should be in your seat or at your station ready to work by the time the tardy bell finishes ringing. Upon the tardy bell finishing ringing, the classroom door will be closed and locked, and students must report to the Tardy Center. It is the responsibility of the student to retrieve missed instructions and assignments, and complete on time. Please review our school's tardy policy and consequences in the Student Handbook.

### **BE PREPARED**

In order to be successful each and every day, you should have the following items with you in class: 1 ½" 3-ring binder (organized w/ dividers and paper) **NO FOOD NOR DRINK**  
Flash drive (saving work to the computer is not secure) Scientific calculator **NO ELECTRONIC DEVICES**  
Printer paper Pencils **USE A LOCKER FOR STORAGE**  
Ruler **DO NOT CHANGE COMPUTER SETTINGS**

### **BE PRODUCTIVE**

In this era of high accountability, it is my utmost role as the teacher to ensure that each individual has the greatest opportunity to succeed. Therefore, you should respect the rights of yourself and others to learn. Students should pay attention during the lesson, work diligently on assignments, and ask questions as needed. The following grading scale will be used to determine the letter grade:

A 90 – 100% **CHECK PINNACLE REGULARLY!!!**

B 80 – 89% C 70 – 79% **Please be sure to review the pre-requisites for each course!**

D 60 – 69% F 0 – 59% *Requirements will be updated before registration (spring), as needed.*

### **BE POLITE**

Every student has the right to learn. Therefore, every student should be respected in their pursuit of knowledge. Any student inhibiting this process will be addressed, parent called, and/or referred to the Dean's Office. **Students having a Level II offense or higher discipline referral may be prohibited from attending activities. Students having a D or F in any course may be prohibited from attending activities, such as field trips.**

### **BE RESPONSIBLE**

**YOU** are ultimately responsible for your grade and knowledge gained from this course. Ask for help if you need it! If you have an extenuating circumstance or concern, the best time to talk with me is at the end of your class period.

**DeLand High School Engineering Academy Course Requirements (Pre-Requisites)** \*\* Subject to change prior to 2016 – 17 Registration \*\*

**To participate in Level II (Engineering Technology II and Chemistry):**

Overall GPA of 2.5 (weighted) and course GPA of 2.5 in Engineering Technology I (see *Average Computations*).

**To participate in Level III (Engineering Technology III and Physics):**

Overall GPA of 2.5 (weighted) and course GPA of 3.0 in Engineering Technology II (see *Average Computations*).

**To participate in Level IV (Advanced Technology Applications and the Executive Internship):**

Overall GPA of 3.0 (weighted), course GPA of 3.5 in Engineering Technology III (see *Average Computations*), successful completion of the Career Shadow (due by Friday, March 11, 2016), and a passing score on our Internship Qualifying Exam to be given in the spring semester.

**We also remind students and parents of our Academy's contract:** 1. Adhere to the district's Code of Student Conduct and our school's policies and procedures. 2. Maintain acceptable attendance. 3. Maintain at least a 2.5 (3.0 for Level III students) overall grade point average (GPA). 4. Maintain course GPA (2.5 in Level I, 3.0 in Level II, 3.5 in Level III – see *Average Computations Worksheet*). 5. Pass Algebra I with at least a 2.5 course GPA. 6. Adhere to the school's Academic Integrity Policy. 7. Represent the Academy in a positive and respectful attitude at a sponsored function. 8. Work cooperatively, independently, and respectfully and maintained self-discipline and maturity. Students who do not achieve the pre-requisites for the next level by the end of the school year, or does not meet the standards of our Academy's contract, will be dismissed from the Academy. If the student is attending DeLand High School on a waiver, and is removed from the Academy, then he/she must withdraw and register at his/her zoned school. In order to keep on track with performance, please check Pinnacle regularly and set appropriate notifications. As you check on grades, please click on the letter grade for the course – this will take you to my gradebook of assignments. Please click on the individual assignment, and you will see information for the assignment written under the Narrative tab. 6 6  
Raising Potentia I.

## **STUDENT INFORMATION SHEET Mr. Folsom**

Student Name

Alpha Code

Course/Per.

Parents' Names

Mailing Address

Phone Number #1

Phone Number #2

The following email address is ok for the teacher to use in order to relay confidential information with regards to my child's attendance, behavior, and progress:

Email Address

We have reviewed the Syllabus and Expectations for this course, along with the Pre-requisites for this program, found at <http://www.delandhs.org/Parents/syllabi.htm>, click on "Career and Technical Education."

Student Signature

Signature Date

What interests you to be in the Engineering Academy?

What colleges and/or career fields interest you?

What is your plan to succeed in this class, school, and for your career path?

What extracurricular activities are you involved (school and community)?

What other information should be good for me to know about you?

## Public Release Form – Parent Authorization

Valid for the **2016 – 17** School Year

School: **DeLand High School**

Student ID:

Student Name (please print):

recorded by school district personnel and/or news reporters or other members of the media. These photographs, interviews, videotapes and/or sound recordings may be viewable by the public and/or within the school district through a variety of media, including, but not limited to, websites, television, radio and print. By signing this form, you are authorizing all the above actions. Please also be aware that where a student activity, function, or event is open to the public, and your child is participating, photographs, interviews, videotapes and/or sound recordings may occur without a public release being signed. In addition, throughout the school year, your child may participate in and/ or create a variety of products or work, including, but not limited to, art, literature, video recordings, sound recordings, photographs and/or computer programs, hereinafter referred to as "student work." By signing this form, you authorize the School District to publicize your child's "student work" in various ways, including but not limited to publications, collections, exhibits and displays, and other media productions. It is also recognized that once the photograph, interview, videotape and/or sound recording of the student, and/or the "student work" (hereinafter all collectively referred to as "student image/work") is released to the public, the School District cannot control how what has been publicized may be used or represented by others. By signing this Public Release, you hereby release the School Board of Volusia County, its members, employees, agents and representatives (hereinafter referred to as the "Board's Releasees") from any and all claims they may have against the Board's Releasees due to the School District having publicized or allowed the publicizing of the "student image/work" as described in this form, and from any and all liability that may arise from publicizing the "student image/work" or allowing the "student image/work" to be publicized, as described in this form. Should you at any time wish to revoke the authorization given by the execution of this form, you may do so by informing the school which the student attends, in writing, that you are revoking that authorization.

Parent/Guardian Signature

Date

Name of Parent/Guardian (please print)

After you have read and signed the permission form, please return it to your child's school. This form will be retained at the school. If you do not wish to grant permission, please write a big **NO** across this page so I know you have reviewed it, but do not grant permission. Thank you.

Revised 02/10/11 2011-033-VCS Owner: Community Information Print Locally. Portions adapted from John F. Kennedy H.S., Norcross H.S. and Langley H.S. policies with their permission. Updated December 2007

**Date:** \_\_\_\_\_ **Teacher's Name** \_\_\_\_\_ **Period** \_\_\_\_\_

## DeLand High School Student Academic Integrity Policy

In a world of ever changing priorities one constant is the need for ethical academic standards. The guidelines presented in the policy below show student expectations regarding cheating, plagiarism and academic honesty. These guidelines and expectations cover all school related projects, reports, tests, quizzes and assignments whether in or outside of class. By signing this statement students acknowledge their understanding of the stated expectations and possible consequences. According to Merriam-Webster Dictionary (<http://www.m-w.com/>) to **plagiarize** is:

***"To steal and pass off (the ideas or words of another) as one's own: use (another's production) without crediting the source. To commit literary theft: present as new and original an idea or product derived from an existing source."*** At DeLand High School plagiarism includes but is not limited to: \_ Using another person's words or ideas (written or spoken) without giving credit to the source. \_ Copying and pasting material from any source including the Internet without giving attribution to the writer. You must put quotation marks around direct quotes and give credit in your works cited list. \_ Changing the words or order of words from another source and submitting them as your own. Even with proper paraphrasing you must give credit to the source of the materials.

**"When you use someone else's words, you must put quotation marks around them and give the writer or speaker credit by revealing the source in a citation. Even if you revise or paraphrase the words of someone else or just use their ideas, you still must give the author credit in a note. Not giving due credit to the creator of an idea or writing is very much like lying."** Dr. Robert Harris - Virtual Salt Anti-plagiarism Strategies - <http://www.virtualsalt.com/antiplag.html>

According to Merriam-Webster Dictionary (<http://www.m-w.com/>) to **cheat** means:

***"to get something by dishonesty or deception."*** At DeLand High School cheating includes but is not limited to: \_ Copying an assignment from another person without explicit permission from the teacher. This includes sharing work that should be individually produced and includes obtaining answers from another student with or without their permission. \_ Using, supplying or communicating with unauthorized devices with the intent of deception. This will include but is not limited IPod, calculator, camera, textbook, recorder, computer, phone, etc. \_ Failing to follow teacher guidelines regarding collaboration, parent help, etc. Students will be expected to complete work independently unless specifically directed otherwise by the teacher.

### POSSIBLE CONSEQUENCES:

**First Offense: Second Offense: Third Offense:** Zero on assignment First offense consequences plus: 1<sup>st</sup> & 2<sup>nd</sup> offense consequences plus: Parent Notification Parent/student/teacher/ Referral to administration Referral to counselor counselor conference Suspension from extracurricular activities, elected offices and/or senior privileges

**Student Name (Print)** \_\_\_\_\_ **Alpha Code:** \_\_\_\_\_

**Student Signature** \_\_\_\_\_

**Parent Signature:** \_\_\_\_\_