### 2018 Darien Center

## TECHNOLOGY, BUSINESS AND LEADERSHIP

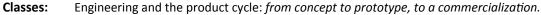
July 14-Aug 11

Tues - Thurs - Saturdays (first day is July 14)

### For High School Students

Junior High School Students may join the Apprenticeship Program

Cost \$200 (scholarships available upon request)



Business: how to cost the product, establish procurement, manufacturing, support. Marketing, Sales and branding: presentation, promotion, understanding the market,

customer needs, competition.

Place: **Darien Study Center** 

7800 S Cass Ave, Darien, IL 60561

Saturday

9:00am Work Team Review

9:15am Class/Workshop I – Engineering

9:45 Class/Workshop II – Business

10:15 Class/Workshop III - Marketing 10:45am

**Concurrent Work Projects** 

Engineering, Business, Marketing

11:45am Talk

12:00pm End

### **Tues and Thursday**

7:30pm **Work Team Projects** 

Engineering, Business, Marketing

8:45pm All Hands Get Together

and Review

9:00pm End



### Instructors:

Dr. William de Ojeda, WMI, Director of Engineering

Audrius Brazauskas, Senior Mechanical Eng. Student at @ IIT

CDA.

Gerry Harper, South Shore Hospital, COO, Retired

Carlos Fernandez, Business Director, Hardscape Design

# 2018 Darien Center TECHNOLOGY, BUSINESS AND LEADERSHIP

| Student Name:  | <br>Grade:               | GPA: |
|----------------|--------------------------|------|
| Address:       | <br>School:              |      |
|                | <br>Emergency Contact: _ |      |
|                | Phone number:            |      |
| Father's name: | <br>Mother's name:       |      |
| Phone number:  | <br>Phone number:        |      |
| Email          | <br>Email:               |      |
|                |                          |      |

Student signature Parent Signature

Mail Application to:

Darien Study Center. 7800 S Cass Ave, Darien, IL 60561. Attn: William de Ojeda

Jarien Centei

Response to applications will be announced on June 15th

**Orm** Deadline June 1st

### Previous projects have included:

- 2016 **Electrification of Bike**: project involved the installation of motor and battery on a bicycle, designing and installation of a controller to monitor torque and assist biker for optimum performance and assistance.
- 2017 Industrial flow meter: design a flow meter to measure the flow from a pump. A useful device uses a flow column, electric valve and pressure sensor to measure flow with assistance of controller. It can be used in variety of applications ranging from rain fall estimate to measuring flows in a fuel pump!
- 2018 **Project to be announced** at beginning of Summer Program!



### Scope:

- Learn from and work with experts in a variety of fields of commercial products
- ✓ Get exposure to the creative aspects of business and technology
- ✓ Advance both your personal skills and your ability to work on teams
- ✓ Take advantage of talks to help you grow in maturity, industriousness, spirit of service, and desire to grow in personal character.

### Are you in or onto College?

Do you want to be an instructor?
Do you want to be a team leader?
Do you want to earn college credit and references?
This activity can help you catapult your career!
Contact us to find out how you can be part of it.

### Are you in Junior HS?

If you are in Junior High and highly motivated you may apply to the apprenticeship program.

Four younger students will be able to participate as a team in the activity.

### For more information call or email:

Willy de Ojeda , PhD, PE 773-909-5450 (M) wdeojeda@gmail.com Darien Center 630-541-8769

# 2018 Darien Center TECHNOLOGY, BUSINESS AND LEADERSHIP

| Student Name:   | Indicate your interest Use the following ranking | Engineering           |
|---|--|-----------------------|
| Grade: Grade:  Tell us a little of yourself, your hobbies and interests.  How do these fit with the "interest" selection above? | 1 = highest<br>2 = medium<br>3 = lowest          | Business Marketing    |
|   |  |                       |
| What are your plans for college and beyond? Why do you think to   | this course may help you in your prof            | essional development? |
|   |  |                       |
| Can you commit to attending the 5 Sat sessions? If not please e   | explain why.                                     |                       |