ET821Project: Lab 1

Name: Andres Rodriguez

Class:

**THE JAZZICIANS**

***Present the***

**4th Annual Festival of *Jazz***

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* **Join us for a fun-filled day of entertainment for the whole family.**
* **The fun starts at 10:00 a.m. and ends at 11:00 p.m. on Saturday, October 14, 1996, at Riverfront Park.**
* **Festival attractions include games, rides, food, crafts, and live music from the talented artists of The Brass Beat, Dave and the Hornets, and The Nance Lance Band.**

**Hope to see you there!**

**SAILING CLUB**

**Monthly Meeting**

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**Plan to attend the meeting of the Sailing Club on May 1, 2012, in the auditorium of Queens borough Community College.**

**Ranger Robin Hood will lecture on:**

**• Harbor Patrol rules and regulations**

**• Basic sailing techniques**

**Please call Little John, (718) 631-6207, to make your reservation.**

**Reservations Required See You There!**

**$5,000 REWARD**

**LOST DOG**



HAVE YOU SEEN ME

If you see this Dog please call me at (345) 700- 2678

I really appreciate your help

Thank you!

Project: Lab 2

Name: Andres Rodriguez

Class: ET821

PART I

Ohm’s Law

3

= + ++… Resistor in Series

= +++…+ Resistors in Parallel

2- Resistors in Parallel

PART II

|  |  |  |
| --- | --- | --- |
| PRICE | PRODUCT1 | PRODUCT2 |
| 100 | 1500 | 9000 |
| 200 | 2000 | 8000 |
| 300 | 2500 | 7000 |
| 400 | 3000 | 6000 |
| 500 | 3500 | 5000 |

PART III

**SmartArt**

PART V

**Andres Rodriguez**

PART IV

PART VI

PART V

|  | **Category** | **Qty** | **Image** | **Description** | **Cost** |
| --- | --- | --- | --- | --- | --- |
| [Objet Connex 350](http://www.stratasys.com/3d-printers/design-series/precision/objet-connex350) | 3D Printer | 1 |  | The Objet Connex 350 prints as many as 14 material properties simultaneously in a single part, to eliminate time-consuming assembly and to support a wide variety of rapid prototyping needs. | $220,000 |
| [Projet 3510 – SD](http://www.3dsystems.com/3d-printers/professional/projet-3500-sd)  [3D Systems](http://www.3dsystems.com/3d-printers/professional/projet-3500-sd) | 3D Printer | 1 |  | The ProJet 3510 SD delivers high quality, durable plastic parts in UV-curable plastic in a range of colors and translucencies, as well as tensile strengths. Support material is a white, melt-away wax that produces prints not possible with typical FDM printing. | $55,000 |

|  | **Category** | **Qty** | **Image** | **Description** | **Cost** |
| --- | --- | --- | --- | --- | --- |
| **Stratasys J750** | 3D Printer | 1 | Image | The ultimate full-color, multi-material 3D printer If seeing is believing, holding something this real is knowing for sure. The Stratasys J750 3D Printer lends form and substance to your brightest ideas and boldest ambitions with lifelike colors and materials that make uncertainty obsolete. | $360,000 |
| **XLS Laser System** | 3D Printer | 1 | Xls10mwh | The [Universal Laser Systems](https://youtu.be/5bNRZ3DJiZk) [XLS10MWH MultiWave Hybrid™](https://youtu.be/_QlFfziMy_o) is the first and only laser system to combine multiple laser wavelengths and power into a single coaxial beam. | $ ? |

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|  | **Category** | **Qty** | **Image** | **Description** | **Cost** |
| --- | --- | --- | --- | --- | --- |
| **Direct Color Systems 1024 MVP4** | Printer | 1 | Image | UV printing doesn't have to be hard. Direct Color Systems® has mastered the art and science of UV LED ink and UV LED printing with this family of class-leading small-format UV LED inkjet printers. And with a Bulk Ink System™ standard on most models, UV LED printing need not break the bank. | $360,000 |
| **uPrint SE Plus** | 3D Printer | 1 | Image | uPrint SE Plus Bigger and bolder uPrint SE Plus builds on the features of the popular uPrint SE with a 33% taller build envelope, two material bays, nine color choices and two layer thicknesses for faster 3D printing or finer detail. It's great for small teams that want to unleash creativity and productivity. | **$5,999.00** |

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|  | **Category** | **Qty** | **Image** | **Description** | **Cost** |
| --- | --- | --- | --- | --- | --- |
| **Object 30 Pro** | Printer | 1 | Objet30 Pro 3d Printer (1) | Eight 3D Printing Materials on Your Desktop.  The Objet30 Pro combines the accuracy and versatility of a high-end rapid prototyping machine with the small footprint of a desktop 3D printer. Powered by PolyJet technology, it offers eight different 3D printing materials, among them clear, high-temperature and simulated polypropylene, and features the industry’s best print resolution so you get smooth surfaces, small moving parts and thin walls. | **$19,900.00** |
| **OMAX Water Jet** | Printer | 1 | 2652 Right | The OMAX 2652 JetMachining Center is slightly larger than the OMAX 2626, but still offers a small footprint for space-challenged shops. The OMAX 2652 is a mid-sized cantilever-style machine. With a completely sealed and protected ball screw drive system, this robust and reliable workhorse is perfect for shops cutting projects with smaller dimensions but needing high precision. | **$69,500.00** |

|  | **Category** | **Qty** | **Image** | **Description** | **Cost** |
| --- | --- | --- | --- | --- | --- |
| **FARO Focus 3D** | **FARO Focus 3D** | 1 | Image | The smallest and lightest laser scanners on the market - Focus3D X Series are ideal tools for [indoor](https://youtu.be/vWsg0LrSY6g) and [outdoor](https://youtu.be/Dv5YgZ06nn4) applications. | **$18,350.00** |
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