

FUNDING REQUEST FORM

2019-2020

PART 1 - NOTICE & CHECKLIST

IMPORTANT

1. All Funding Request Forms must be submitted by 12 PM Friday, the week before the Funding Sub-Committee Meetings.
2. Funding request forms must be turned in no less than 10 business days (2 weeks) prior to the event.
3. Deadline for Request for Payment or Purchase Order (RPP) is 15 days after the event.

- EVENT FLYER WITH ASI LOGO
 CSI EVENT REGISTRATION FORM
 ESTIMATES/FOOD PERMITS
 EVENT ESTIMATES / INVOICES

PART 2 - CONTACT & ORGANIZATION

OFFICER: [REDACTED]
 TITLE: [REDACTED]
 ADDRESS: [REDACTED]
 CITY: [REDACTED]
 PHONE: [REDACTED]
 SIGNATURE: *Hana Roman*

CLUB/ORG: Makers Club
 EVENT TITLE: Makers Club general meetings
 DATE(S) OF EVENT: March 10, 2020 SEMESTER: SPRING
 EVENT LOCATION: Makerspace (B111)
 EXPECTED ATTENDANCE: 30
 EXPECTED CAL STATE LA STUDENTS ATTENDANCE: 30

PART 3 - EVENT DESCRIPTION

IS THE EVENT OPEN TO ALL CAL STATE LA STUDENTS? YES NO

BRIEFLY DESCRIBE THE EVENT:

The event will be composed of five groups (roughly four students per group); the students will be building/assembling their proposed projects.

HOW WILL THIS PROGRAM ENHANCE THE CAL STATE LA EXPERIENCE?

The program will enhance the Cal State LA experience because there will be students from different engineering backgrounds (with different skill levels) working together and they'll learn from each other.

PART 4 - COST BREAKDOWN

| HOSPITALITY | DESCRIPTION: | AMOUNT: | HONORARIA / CONTRACTS | DESCRIPTION: | AMOUNT: |
|-------------|-----------------|---------|-----------------------|--------------|---------|
| | Food and drinks | 300.00 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| MARKETING | DESCRIPTION: | AMOUNT: | OTHER | DESCRIPTION: | AMOUNT: |
|-----------|--------------|---------|-------|--------------|-----------|
| | | | | | Equipment |
| | | | | | |
| | | | | | |
| | | | | | |

PART 5 - EVENT SUMMARY

TOTAL COST OF THE EVENT 2,745.18
 TOTAL REQUESTED FROM ASI 2,745.18
 AMOUNT FROM OTHER SOURCES 0.00

WHAT OTHER RESOURCES ARE YOU EMPLOYING FOR THIS EVENT:

[REDACTED]

OFFICE USE ONLY

STAFF INITIALS: *AM*

TIME STAMP:

APR 10 2020 10:25 AM
 APR 10 2020 10:25 AM



CAL STATE LA TEMPORARY FOOD FACILITY PERMIT

Print Form

Clear Form

20-074

Temporary Food Facility Permit and Food Handlers Certificates **MUST** be posted during the event. Request for Authorization to Offer / Sell Potentially Hazardous Food

- To ensure that adequate measures are taken to prevent food borne illness, all Cal State LA Student Organization / Colleges and Departments not licensed to sell food in Los Angeles County must complete Food Safety and Handling training and submit this Temporary Food Permit for Authorization.
- Vendors, Food trucks, Caterers must submit their Public Health Permit, LA County License to sell, Catering Permit and Insurance of liability along with this form.
- This form must be completed at least ten (10) business days prior to the event.
- Cal State LA Temporary Food Permit, Food Handlers Certificates and the LA County Food Permit **MUST** be visibly posted.
- For a description of what types of foods are considered potentially hazardous, please refer to the guidelines / links on the last page.
- Attach Food Handler Certificates to this form / permit.
- Permit must be signed by Sponsoring Organization Chairperson Representative, Center for Student Involvement, University Auxiliary Services prior to EH&S approval.
- Note: For Private (not open to public) meetings the temporary food permit is not required.

Date of Event: March 10, 2020 Estimated Attendance: 30

Name of Event: Makers Club General Meeting

Type of Event: General Meeting Location: Makerspace (B-111)

Sponsoring Organization: Makers Club

Authorized Representative: [Redacted] Phone: [Redacted] Fax: n/a

Time: _____

Access Time: _____ 3 a.m./p.m. to 4 a.m./p.m.

Event Time: _____ 3 a.m./p.m. to 4 a.m./p.m.

Type of Food Service:

- Snacks Catering
 Food Sale Other (describe below)

(Provide Caterer's / Market's / Restaurant's complete name and address in space above this box; see Paragraph 6.2(e) in Temporary Food Guidelines for further instructions.) For additional address you may add a page.

Describe Other: We'll provide pizza and sodas for all members who attend the meeting

List all food and potentially hazardous food (see Temporary Food Guidelines for definition) items to be sold/served (include ingredients), use back of page if necessary. Pizza, such as cheese, pepperoni, and combination, as well as salad will be served

Where will this food be prepared or purchased [Note no Home Baked/Cooked Items are Allowed]? Costco Wholesale - 2207 W. Commonwealth Ave., Alhambra, CA 91803

List all beverages to be sold/served Sodas, such as 7Up, ~~Pepsi~~, Coca Cola, Lemonade, La Croix *Coke products*

Where will beverages be prepared or purchased? Ralphs - 3075 S. Archibald Ave., Ontario, CA 91761 *only*

Method/s of maintaining proper holding temperatures for potentially hazardous food/s during transportation and service: keep pizza in an insulated bag

Agreement: For the privilege of selling foods and/or beverages on campus, the Sponsoring Organization shall complete online Food Handler Training prior to sell / offer food, agrees to read, understand, and comply with the Cal State LA Temporary Food Facility Guidelines governing food sales or service. Failure to comply with the rules may result in the loss of food and/or beverage selling/serving privileges and possibly disciplinary action.

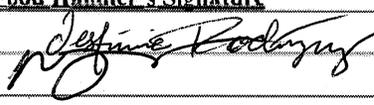
Insurance: (Student Organizations Only) Student Organizations registered with Student Life and in good standing are automatically covered under the CSU Club Liability Insurance Program (CLIP). If a Certificate of Insurance is required, the Student Organization should contact Risk Management and EH&S.

No liability will be assumed by California State University, Los Angeles, University-Student Union, or University Auxiliary Services for any food or beverage the sponsoring organization provides to the campus community. This permit should be submitted at least 10 business days prior to the activity for proper reviews and approvals; otherwise there is no guarantee of completion by the event date.

For additional names and signatures you may add a page. Minimum of two food handlers required who must be present during the entire event.

Link for Food Handler's Training: <https://ds.calstate.edu/?svc=skillsoftstudent&env=prod&org=calstatela>

Certificate Expires one year from the initial completion date.

| Food Handler's Name | Food Handler's Signature |
|---------------------|--|
| [Redacted] |  |
| | |
| | |
| | |

All signatures shall be obtained in the following **order**. Student organizations need all signatures; other organizations 1, 3 and 4 only.

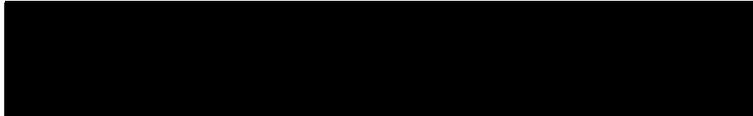
| | |
|---|--|
|  |  Authorized Representative to be present at event |
| 1. Signature of Sponsoring Organization Chairperson | 2-6-2020 Date |
| 2. Center for Student Involvement (USU 204) (Student Organizations Only) | 2/20/2020 Date |
|  | 20-074 Permit No. |
| 3. University Auxiliary Services, Inc. (Golden Eagle Bldg 314) | 2-10-2020 Date |
|  | 2-10-2020 Date |
| 4. Environmental Health & Safety (Corporate Yard Bldg. 244) | |

Revised 07/2019

CERTIFICATE

OF COMPLETION

This is to certify that



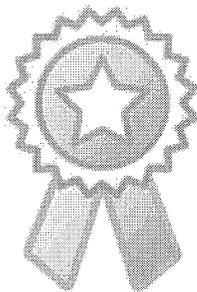
has completed the course

Food Safety and Handling

esh_sah_a05_sh_enus

on

Oct 6, 2019



skillsoft 

CERTIFICATE

OF COMPLETION

This is to certify that



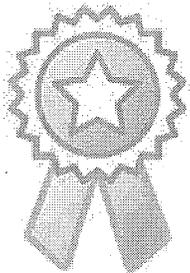
has completed the course

Food Safety and Handling

esh_sah_a05_sh_enus

on

Oct 23, 2019



skillsoft 



UNIVERSITY
STUDENT UNION

Event Registration

General Meeting

Submitted By: [REDACTED] on 2/12/2020 12:25:41 PM

[APPROVED]

Basic Information

Student organizations must complete and submit this form at least 10 business days prior to the event date. Reservations for on campus events will not be confirmed unless this form has been completed.

Please select the type of organization who will be hosting this event.

Student Organization

Host Organization Name

What Organization/Department is hosting the event?

Makers Club

Event Name

General Meeting

Estimated Attendance

Please describe the estimated attendance of participants for this event. Please note that based on your response, your organization may need to comply with additional campus policies and procedures before this event can be registered. For more information please refer to the Student Organization Handbook sections on Ticketing and Guidelines for Campus Facility Reservation.

30

About the event

Please describe what this event is about and include all intended activities that will take place.

During the time of the general meeting the members of the organization can come enjoy some pizza and sodas, as well as continue working on their projects. New members are welcome to join us on the day of the meeting as well.

Time & Location

Start Date/Time

03/10/2020 - 3:00 PM

End Date/Time

03/10/2020 - 4:00 PM

Where will the event take place?

On campus

On Campus Locations

Classroom Space

Specific Address/Location Information

Include on campus room/site information or off campus address. Note, submitting this Event Registration form will not confirm your event space. Makerspace (ECST B-111)

Student Organization Officer and Advisor Contact Information

Only current organization officers can submit the Event Registration Form. Submitted forms will require Advisor approval prior to CSI approval.

Contact Person

Please provide the name of the officer submitting this form.

[REDACTED]

Officer Contact Phone Number

[REDACTED]

Contact Email

Provide the officer's email address.

[REDACTED]

Organization Advisor Phone Number

[REDACTED]

Organization Advisor Name

[REDACTED]

Organization Advisor Email Field

Please ensure your advisor's email address is entered accurately. This Event Registration Form will be sent to your advisor for approval before CSI can approve it.

[REDACTED]

Marketing

No publicity may be distributed or posted online until this form has been submitted and approved. Both off and on-campus events must also have a confirmed reservation prior to marketing. All publicity material must comply with University Administrative Procedures AP P003 and AP P007. All printed marketing to be used for marketing registered events are required to be stamped by CSI prior to their approved posting. Stamps can be obtained after the event has been registered. All printed material may be posted for up to a period of fourteen (14) calendar days. For student organizations, the "POSTING VALID THRU ____" stamp must be clearly visible on the face of the posting.

How do you plan on marketing this event?

Social Media

Email

Social Media Site

Instagram

Social Media Handle

@csulamakersclub

Who is invited to this event?

Student organization members

Cal State LA Community

Will off-campus media be notified about this event?

No

Tags

EDUCATIONAL

FOOD

Cover Image

Please select an image that corresponds to your event.



Event Details

Event Category

Please select any of the categories above that best describes your event. Note, organization meetings do not need to be registered.
Educational Workshop/Program

Planned Activities

Will your event have any of the following activities? The University's General Release will be required for certain activities.
Not Applicable

Will the event have security?

No

Who will be providing the food?

Student Organization

Will food be served at the event?

Yes

Temporary Food Facility Form Upload*

A completed food permit is required for all on-campus events with food unless the food is provided by University Catering. Check the resources section below for a link to the form.

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Will the event have an admission charge, registration fee, or raise any proceeds to benefit the organization

No

Will you be requesting funding from Associated Students, Incorporated?

For more information on Club and Organization Funding please visit: <https://asicalstatela.org/services/clubs-and-organizations-funding>
Yes

For more information on Club and Organization Funding please visit: <https://asicalstatela.org/services/clubs-and-organizations-funding>.
For any other questions contact the Vice President for Finance by calling 323-343-4778.

For this event, will your organization be seeking tax deductible private external fund raising support?

Are you seeking sponsorship from private individuals or external companies/organizations off campus that may require additional tax documentation? (Individual donations that do not require tax documentation do not count.)

No

Will a movie be shown at this event?

No

Will alcohol be served at this event?

Does your organization plan on serving alcohol at its event?

No

Will the event be held in a restaurant/venue where alcohol is available but will not be a part of your event?

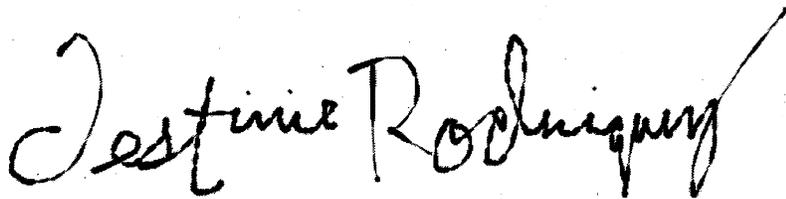
If yes, the organization affirms that members and guests will not consume alcohol at the event.

No

Acknowledgment

AS AN OFFICER OF THIS ORGANIZATION, I WILL TAKE RESPONSIBILITY TO ENSURE THAT THE EVENT WHICH MY ORGANIZATION IS SPONSORING WILL FOLLOW ALL GUIDELINES SET FORTH BY THE UNIVERSITY. I ACKNOWLEDGE THAT THIS EVENT AND ANY ASSOCIATED EVENT SPACE RESERVATIONS MAY BE SUBJECT TO CANCELLATION BASED ON MY ORGANIZATION'S RECOGNITION STATUS.

Signature Pad Field



Event Guidelines & Resources

Student Organization Event Guidelines

The following guidelines are provided for the benefit of the student organization. They are intended to be followed completely. Failure to comply with any of the following guidelines may result in disciplinary action taken against the organization including suspension of recognition, events and use of facilities. More information can be found online in the Student Organization Handbook.

Conduct: The organization assumes full responsibility for the conduct of participants at the event. Any violation of University policy may subject the participants and/or the organization to disciplinary action by the Center for Student Involvement or the Office of the Dean of Students.

Alcohol: In accordance with Administrative Procedure 019 - Alcoholic Beverages, any event (on or off campus) that involves the consumption of alcoholic beverages requires authorization from the University. Your organization must complete and submit a Request to Serve Alcoholic Beverages form in addition to this Event Registration Form. Please allow at least 3 weeks for this form to be reviewed by the University. Approved alcohol consumption events and events held where alcohol is available (but will not be consumed) require at least two TIPS certified members and two Sexual Violence Prevention & Resources Trained (SVPT) members to be in attendance of the entire event. Additional guidelines can be found in the Student Organization Handbook.

Publicity: All publicity material must comply with University Administrative Procedures AP P003 and AP P007. All printed marketing to be used for marketing registered events are required to be stamped by CSI prior to their approved posting. Stamps can be obtained after the event has been registered. All printed material may be posted for up to a period of fourteen (14) calendar days. For student organizations, the "POSTING VALID THRU ____" stamp must be clearly visible on the face of the posting.

General Release Waiver Forms: If your event will require the use of general release waivers prior to organization member and guest participation, your organization is required to comply with all instructions provided by CSI, including submitting all completed forms and requested documents.

Student Organization Event Resources

Additional Required Forms

The following forms may be required based on your event details. If required, these complete forms must be uploaded at the time your organization is registering its event at least 10 business days prior to your event date.

- Temporary Food Facility Permit
- Request to Serve Alcoholic Beverages Form
- Amplified Sound Permit

Additional Resources

University-Student Union Event Space Forms

The following forms must be used to complete your tabling, meeting, and event space requests at the University-Student Union. For more information refer to the University-Student Union Operations.

- External Table Request Form

- Information Table Request Form
- Meeting Request Form
- Outdoor Event Request Form

Use of Facilities Forms:

The following forms can be used to complete your event space requests. For more information refer to the Use of Facilities website and Administrative Procedure 505 Use of Facilities and Equipment:

- External Space Request Form
 - Filming Request Application
-

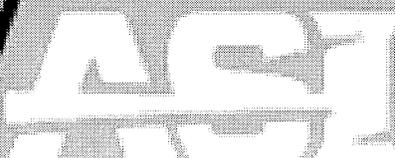


GENERAL MEETING

**Come join our
Makers Family**

Workshops, projects, and more!

Makerspace ECST B111



ASSOCIATED STUDENTS, INC.

THE ACTIVITIES AND OPINIONS PRESENTED ARE NOT NECESSARILY THOSE OF ASSOCIATED STUDENTS, INC.



GENERAL MEETING

March 10th

Makerspace ECST B111

Follow us on Instagram

@csulamakersclub

ASST

ASSOCIATED STUDENTS, INC.

THE ACTIVITIES AND OPINIONS PRESENTED ARE NOT NECESSARILY THOSE OF ASSOCIATED STUDENTS, INC.

Projects

Flashlight: The flashlight is designed to introduce students to the machine shop tools such as Vertical mill, Lathe, bandsaws, etc. It teaches them safety and basic set up, in order for them to be able to perform basic operations on each machine.

Materials: Round stock, square stock, fasteners, plexiglass, batteries, light bulbs.

Wildest build (Mastercam): Mastercam hosts a design and build competition that challenges students to design and manufacture a part that will be in used as a stand-alone piece or part of larger project. The part is to be made with the help of the new CNC's that the makerspace has purchased, and students can use the makerspace computers to build the Mastercam tool paths. Last year's winner made a transmission housing for the Baja team and won \$1500.

Materials: Billet, endmills, fastners.

Cannon: The cannon project is designed to challenge student into building an air powered cannon that can be used to hit targets that are 20 ft away. Students are given a materials budget and freedom on design and material selection forcing them to think critically about their design.

Materials: Depends on design ex: Wood, Pvc, tubing, air hoses, fasteners, metal tubing, welding supplies etc.

Catapult: The catapult project is designed to allow students to put into many of their coursework courses into practice. Student will be using kinematics, strength of materials, and MATLAB in order to build a catapult that can efficiently and safely launch objects across a field. The catapult can be used as a fundraising tool so the club can continue to fund projects.

Materials: Depends on design similar to Cannon.

Makerspace projects: With the help of our advisor Dr. Bachman and the Makerspace supervisor, Jonathan, we will partner up with them so we can build project for the space, so students can practice their manufacturing techniques into something that will be used by students (ex. Sound system).

Materials: Depends on projects.

Computer Vision (CV) Project

Computer Vision (CV) is a technique/process of using machines to understand and analyze imagery, which includes photos and videos from real-world and storage devices as well. The main objective of this project is to provide an educational value to the students and expose them to the field of computer vision by building/using a maze-type game.

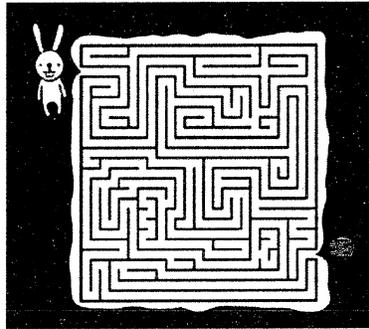


Figure 1 Rabbit finds the Carrot

In order to understand the working of the game, take a look at Figure 1. We use CV technique to help the rabbit to find the carrot by just hovering our human hand. The CV program detects the motion of the hand to move the rabbit inside the maze game. The game is completely mechanical, and the programming part is only for the CV technique. The main parts of this project include but not limited to Nvidia processor, a camera, plexiglass and wood engraver frame with stepper motors.

The pattern of the maze is printed on the plexiglass and it is placed on top of the all the moving parts to protect the interior moving parts from dust. Even though the pattern printed on the plexiglass does not prevent the gamer/user from passing through the walls, the CV program is developed in a way not to allow the gamer to pass through the walls of the maze. This makes it more interesting, because the maze pattern printed on the plexiglass can be changed to the higher levels of difficulty and this gives us an advantage over having physical wall obstacles. The wood engraver frame with stepper motors will be modified for the purpose of the maze game and as in

Laser Puzzle Project

The Laser Puzzle is an escape room game with a 70's inspired arcade feel. In this game players will be able to solve a number of puzzles that are based on various engineering concepts ranging from middle school to university level. Once a player has completed a puzzle a laser will be activated showing the player where the next clue for the following puzzle is and so on.

*Materials Range from Electrical equipment to hardware for a total of \$351.51

| Materials | Cost | Where | Quantity | Total | Description |
|--|--------|--------|----------|--------|--|
| Arduino Uno R3 Prototype PCB | 14 | Amazon | 1 | 14 | Development board (with microcontroller) |
| Pin Head Connector Assortment Kit | 10.99 | Amazon | 1 | 10.99 | jumper cables, which carries females and males to connect the Arduino R3 |
| CHP-170 Wire Cutter Micro | 26.18 | Amazon | 1 | 26.18 | allows user to cut at an angle with precision that normally a wire cutter wouldn't do. Without it, it would bend components and wires in the way. |
| Fluke 115 Compact True- RMS Digital Multimeter | 159.92 | Amazon | 1 | 159.92 | allows to measure current, voltage and resistors. prevents blowing up electrical components, especially when testing the solder. |
| XIADR, Ultrasonic Module HC- SR04 Distance Sensor | 8.99 | Amazon | 3 | 26.97 | Distance Sensor, the ultrasonic sends and receives the distances. Ultrasonic Sensors needed for puzzle #2 in order to program it to sense any hand movement, then react to it by opening doors, boxes, etc. |
| 10pcs Mini- Type 1mW 650nm Red Laser Dot Diode Module w/Driver 3V 6x10mm | 5.90 | Amazon | 1 | 5.9 | Lasers are the main component of an escape room puzzle |
| Mirrors Darice Craft Mini Square, 3 inches, 5 Pieces | 4.63 | Amazon | 1 | 4.63 | 1 inch mirrors used to guide laser pointer through an end |
| HiLetgo 5pcs DS18B20 Temperature Sensor Temperature | 10.99 | Amazon | 1 | 10.99 | Temperature sensor, read in Celsius or Fahrenheit. Needed for puzzle 4 in which heat treatment will be used. |

| | | | | |
|--|----------|------------|---|---|
| wire | 27.98 | Home Depot | | |
| jumper kit | 20.97 | Home Depot | | |
| Drill Kit | 200 | Home Depot | Tools For manufacturing Projects | |
| drill bit set | 72 | Home Depot | | |
| Arduino Uno R3 Prototype PCB | \$14.00 | Amazon | Development board (that contains a microcontroller) aka AT mega 328, a better version of UNO with capacity of higher voltage | https://www.amazon.com/Electronics-Salon-Prototype-Arduino-Shield-CZH-LABS/dp/B01J1KM3RM |
| Pin Head Connector Assortment Kit | \$10.99 | Amazon | Aka jumper cables, which carries females and males to connect the Arduino R3 | https://www.amazon.com/OCR-Connector-Housing-Assortment-640Pcs-Set/dp/B071JLCFT6/ref=sr_1_3?keywords=Pin+Head+Connector+Assortment+Kit&qid=1578889611&sr=8-3 |
| CHP-170 Wire Cutter Micro | \$26.18 | Amazon | This tool allows the user to cut at an angle with precision that normally a wire cutter wouldn't do. Without it, it would bend components and wires in the way. | https://www.amazon.com/Hakko-CHP-Micro-Cutter-Clean/dp/B0063GL7UM/ref=pd_day0_hl_469_1/147-8152091-6384159?encoding=UTF8&pd_rd_i=B0063GL7UM&pd_rd_r=be218238-7d8e-4199-b959-fedc0e19c21f&pd_rd_w=Z1o2b&pd_rd_wg=Rra7o&pf_rd_p=0501877d-5f8c-4ec8-9861-e0476eecc53e&pf_rd_r=3MRBRTJ6QEG3B21856YE&psc=1&refRID=3MRBRTJ6QEG3B21856YE |
| Fluke 115 Compact True-RMS Digital Multi- meter | \$159.92 | Amazon | This tool is beneficial for engineers since it allows them to measure current, voltage and resistors. It is important to know what the values are in order to prevent blowing up electrical components, especially when testing the solder. | https://www.amazon.com/Fluke-115-Compact-True-RMS-Multimeter/dp/B000OCFFMW/ref=sr_1_3?keywords=fluke+115+compact+true-rms+digital+multimeter&qid=1578888493&sr=8-3 |
| XIADR, Ultrasonic Module HC-SR04 Distance Sensor | \$8.99 | Amazon | Distance Sensor, the ultrasonic sends and receives the distances. Ultrasonic Sensors are needed for puzzle #2 in order to program it to sense any hand movement and | https://www.amazon.com/XiaoR-Geek-Ultrasonic-Distance-Raspberry/dp/B07B94C7KT/ref=sr_1_1?keywords=xiadr+ultrasonic+module+hc-sr04+distance+sensor&qid=1578888248&s=toys-and-games&sr=1-1-spell |

| | | | | |
|---|---------|-------------|---|---|
| | | | then react to it by opening doors, boxes, etc. | |
| 10pcs Mini-Type 1mW 650nm Red Laser Dot Diode Module w/Driver 3V 6x10mm | \$5.90 | Amazon | Lasers are the main component of an escape room puzzle being created as a project | https://www.amazon.com/10pcs-Mini-type-Module-Driver-6x10mm/dp/B07C8984QR/ref=sr_1_4?keywords=laser+diode+module+650+nm&qid=1578884467&sr=8-4 |
| Mirrors Darice Craft Mini Square, 3 inches, 5 Pieces | \$4.63 | Amazon | 1-inch mirrors used to guide a laser pointer through an end as part of an arcade puzzle | https://www.amazon.com/Daricemirror-Square-3-Big-Value/dp/B004HGODQU/ref=asc_df_B004HGODQU/?tag=hyprod-20&linkCode=df0&hvadid=192007403674&hvpos=1o1&hvnetw=g&hvrand=11743710416500727018&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9030939&hvtargid=pla-300695564293&psc=1 |
| HiLetgo 5pcs DS18B20 Temperature Sensor Temperature Probe Stainless Steel Package Waterproof 1M | \$10.99 | Amazon | Temperature sensor, could read in Celsius or Fahrenheit depending on the code. Needed for puzzle four in which heat treatment will be used. | https://www.amazon.com/HiLetgo-DS18B20-Temperature-Stainless-Waterproof/dp/B00M1PM55K/ref=asc_df_B00M1PM55K/?tag=hyprod-20&linkCode=df0&hvadid=241906416474&hvpos=1o3&hvnetw=g&hvrand=9500061739158687553&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9060325&hvtargid=pla-525242725178&psc=1 |
| ELEGOO UNO R3 Board ATmega328P AT-MEGA16U2 with USB Cable Compatible with Arduino IDE Projects, RoHS Compliant | \$10.99 | Amazon | Regular Arduino | https://www.amazon.com/Elegoo-EL-CB-001-ATmega328P-ATMEGA16U2-Arduino/dp/B01EWOE0UU/ref=sr_1_1_sspa?ie=UTF8&qid=1547589597&sr=8-1-spons&keywords=arduino+uno&psc=1 |
| Arduino Bluetooth Module hc 05 Breakout Board, Configure as Master or Slave, for Arduino Bluetooth Projects and Arduino IDE, by Makerdoit | \$5.60 | Kelke Goods | Trans receiver, Bluetooth. Will be used to send signals to Laser | https://www.kelkegoods.com/index.php?main_page=product_info&products_id=312399 |
| 1 in. Zinc Plated Non-Removable Pin Narrow Utility Hinges (2-Pack) | \$2.18 | Home Depot | Hinges needed to connect acrylic on top of a wooden box | https://www.homedepot.com/p/Everbilt-1-in-Zinc-Plated-Non-Removable-Pin-Narrow-Utility-Hinges-2-Pack-15161/202034166 |
| Everbilt 10 in. x 8 in. Black Medium Duty Shelf Bracket | \$5.31 | Home Depot | A shelf bracket needed to hold shelf housing 2 boxes with components for the puzzle being created as part of a project | https://www.homedepot.com/p/Everbilt-10-in-x-8-in-Black-Medium-Duty-Shelf-Bracket-14287/206091422 |

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| XiaoR Geek 2pcs Ultrasonic Module HC-SR04 Distance Sensor with 2pcs Mounting Bracket for Arduino Uno R3 Mega 2560 Nano Raspberry Pi 3 Smart Robotics Projects | \$8.99 | Amazon | Special Ultrasonics used in a couple of the Puzzles that will act as sensors when the players hand reaches our boxes to activate the LCD message. | https://www.amazon.com/XiaoR-GEEK-Ultrasonic-Distance-Raspberry/dp/B07B94C7KT/ref=sr_1_fkmr2_2?s=toys-and-games&ie=UTF8&qid=1546638960&sr=1-2-fkmr2&keywords=ultrasonic+sound+waves++arduino |
| Infinity Cube Fidget Toy, Sensory Tool EDC Fidgeting Game for Kids and Adults, Cool Mini Gadget Best for Stress and Anxiety Relief and Kill Time, Unique Idea that is Light on the Fingers and Hands | \$9.95 | Amazon | The puzzle cube will be used to activate a sensor that will prompt a message on an LCD telling the player how to advance on the escape room. | https://www.amazon.com/Infinity-Fidgeting-Spinner-Anxiety-Fingers/dp/B071X8S8WQ/ref=sr_1_4?keywords=engineering+puzzle+cubes&qid=1578887936&s=toys-and-games&sr=1-4 |
| DIY CNC Laser Engraver Kits | \$289.99 | Amazon | Tool allows player to move avatar inside maze in a 2D fashion, using the engraving tool with stepper motors for the 2D motion alone. | https://www.amazon.com/Engraver-Carving-Engraving-Cutting-Machine/dp/B07YYKBWM9/ref=sr_1_1?crd=2CCOJ6QVJKEJ&keywords=diy%2Bcnc%2Blaser%2Bengraver%2Bkits%2Bwood%2Bcarving%2Bengraving%2Bcutting%2Bmachine&qid=1578947939&prefix=DIY%2BCNC%2Blaser%2Bengraver,aps,209&sr=8-1&th=1 |
| 24 in. x 24 in. x 1/8 in. Clear Plexiglass Acrylic Sheet | \$32.08 | Home Depot | Used for printing the maze path for the game and protects the inner parts of the devise. | https://www.homedepot.com/p/AdirOffice-24-in-x-24-in-x-1-8-in-Clear-Plexiglass-Acrylic-Sheet-2424-1-C/303883559 |
| Gift cards for workshop | 100 | Amazon | gifts for workshop speakers | |
| power tools | 288 | Home Depot | power tools projects | |
| laser etch | \$289.99 | Amazon | | Amazon |
| Allen Wrenches | \$32.08 | Home Depot | Tools for projects | Home Depot |