



Research Service Centers at the Nanoscale Research Facility (NRF)

Covering the basic safety knowledge required
before we can grant access to our facilities

All safety information provided by RSC Staff, including this document and the RSC Safety Training class is supplemental to the UF EH&S Lab Safety Program.

It is your responsibility (with the guidance of your Principal Investigator, or PI) to read and conform to the EH&S UF Laboratory Safety Manual, and the EH&S UF Chemical Hygiene Program at all times while using RSC facilities.

The UF EH&S web site can be found at <http://www.ehs.ufl.edu/> .

All UF EH&S Training must be done BEFORE beginning work in the any RSC Facility.

All users need Hazardous Waste Management Training (annually)

Cleanroom users also need HF training (once every 2 years)

NFMCF users will additionally need radiation safety training

Process equipment specific Safety Instructions are included at the beginning of each Process Equipment SOP and will be covered by the hands-on training provided for each tool by RSC Staff. RSC Equipment SOP's are usually located on the individual tool webpage under the Documents tab. SOPs are available at the physical tool location.

General safety philosophy of the RSC

With in the confines of the RSC facilities there is a three-tier philosophy for safety

1. Personal health and welfare. Many of our rules and restrictions are directly related to ensuring that all facility users, staff, and visitors stay safe.
2. Process safety. The NRF is by nature a multiuser multidisciplinary facility. Because of the criticality of the research and the oftentimes sensitive nature of a tool or of a process, many of our directives are related directly to protecting everyone's research from failure.
3. Facility safety. The NRF is a highly automated and sophisticated building; misuse and improper procedures can severely damage the facility.

Building Hours

- All users begin with Basic User status, with the TUMI and door access available 8am-5pm M-F excluding university holidays.
- The TUMI will not auto log you out at 5pm, you must remember to wrap up and log off before 5pm.
- There is no grace period on door access, they lock at exactly 5pm.
- Guests are welcome during business hours*

- Extended hours are available by application.
- After Hours Access (AHA) extends the access to the building to 7am-10pm, 7 days a week once approved.
- The application is on the RSC webpage under forms.
- AHA users are required to use the e-buddy check-in system.
- No Guests or visitors without written preapproval.

*You must remain with your guest as you are responsible for their safety. Guests may not operate tools or RSC computers

Activation of GatorOne for Door Access

There are 3 options for access, you will need to notify us of which method you have active or would like activated in the access system. UF plans to limit each person to 1 method for door access campus-wide.

- 1) Use your physical NFC enabled UF ID card, these were issued beginning February 2023, if your ID card is older than this you'll most likely need to request a new card at the Gator One office in the Reitz Union or Shands.
- 2) Use the mobile wallet on your phone (Apple pay, Google or Samsung wallet) – Your gator one ID must be loaded to the wallet before we can active this method, note it can take up to an hour for this method to appear after you load the card.
*If you upgrade to a new phone, or factory reset your device you will need to request a reactivation in our system after adding the UF ID to your new mobile wallet. This can be done via email.
- 3) Use your smart watch (currently only Apple watch is compatible, Samsung and Google coming soon). All the same limitations for a phone apply to a smart watch.

Setup instructions can be found at: <https://businessservices.ufl.edu/mobile-gator-one/>

Food, Drinks, and Backpacks

Open food and or drink containers are prohibited in all lab spaces. Closed top drink containers may be used in some characterization areas. *Do not dispose of empty food containers in the labs.*

Leave open food or beverage containers in the hallway next to the lab door, or at the tables or counters in the common areas at the NW corner of each floor.

Backpacks are welcome in most lab spaces, but should be placed in a basket, under a counter, or a location away from walkways. Please do not place backpacks on the lab counters or chairs.

Bags and backpacks are not permitted in the cleanroom, we have day use lockers for your bag.



Fire and Hazardous Gas Detection System

GENERAL. There are flashing white strobe lights and voice speakers for visual and audible annunciation of alarm conditions (Fire and/or gas detection).

If you hear an alarm message over the speaker system AND see the white flashing strobes, IMMEDIATELY stop all activity and exit the building.

(If you are wearing hazardous materials handling PPE, quickly decontaminate first, and close hood sash.)

Gather outside the building at bottom of the stairway at the main entrance to NRF. If you are in the clean room, proceed directly out of the gowning room, through the lobby, and out the West entrance doors. **Do not stop to remove your cleanroom garments or PPE.**



EVACUATION ROUTE MAPS ARE DISPLAYED IN ALL OF THE MAIN HALLWAYS



After you have evacuated from the building and gathered at the main entrance / stairway, do not leave the area until everyone has been accounted for. If you have knowledge of the incident or any helpful information please step forward and speak to one of the staff members, UPD officers, or firefighters. You can reenter the building only when you hear an 'All Clear' message from a staff member or firefighter.

For all evacuation routes, the building gathering point is on the outside main building steps (west side of building). The service drive/parking lot is to remain free of evacuees in the event emergency vehicles need to gain access.

CLEANROOM HAZARDOUS GAS ALARMS

The NRF was designed with separate air handling and exhaust systems for the cleanroom, isolating it from the rest of the building. If a gas leak is detected in the cleanroom, only the cleanroom and north service hallway are evacuated. The alarm message over the speaker system and white flashing strobes will activate only in these areas.

Each tool in the cleanroom using hazardous gas has orange strobes near the tool on the bay and chaise sides. These strobes will flash to alert you that a gas leak has been detected in the area. If you are in the cleanroom or north service hallway, follow the procedures and evacuate the cleanroom.

If you are in the office areas or lab areas, **THE WHITE STROBE LIGHTS WILL NOT FLASH.** You are not required to evacuate the area and may continue working.

A warning message will sound over the speaker system to alert staff of the problem.

REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)

Safety Glasses

Safety glasses must be worn at all times in the NRF clean room spaces.

The only exception will be when looking through microscope objectives (remember to put them back on afterwards).

Characterization Lab spaces do not always require safety glasses, but safety eyewear is ALWAYS prudent. When in doubt wear your safety glasses! Realize that what you don't know can hurt you.

Imaging Lab spaces (SEM/TEM) do not require the use of Safety Glasses.

If a room contains equipment used for handling hazardous material or processes, then all occupants of the room must wear safety glasses.

Shoes and street clothes

Full Coverage Shoes are Required when working in any of the labs: sandals, high heels, open top, open toed and open heeled shoes are prohibited inside NRF lab spaces. Your shoes must completely cover your feet when accessing any of the laboratories.

Short pants, skirts and dresses may not be worn while handling hazardous liquid chemicals (including cryogenic liquids).

Chemical Hoods

Each RSC lab is equipped with a hood, and most are available for use as needed. Please abide by any signage indicating that a hood is not available.

Fume hood airflows at 100 lfm are designed to stay laminar, but airflow can be easily disrupted. Turbulence can bring fumes back to you. Avoid making rapid movements while working in a fume hood and avoid walking close to a fume hood that is in use.

All hoods should be checked for proper function and set up. Green light on, air flow indicator reading at ~ 100 lfm, storage area stocked with enough stock chemicals, and finally a certified and dedicated satellite waste collection site.

RSC hoods are equipped for ease of use with flow sensors, flipable air foils to allow cables and tubing easy entry, and door height guides.

Use secondary containment inside the hood to prevent spilled materials from reaching the drain, or any incompatible mixing.



Personal Protection Equipment (PPE) Required when using a hood for acid / base processing

The following is a list of personal protective equipment required for use of any hood when working with concentrated acids or bases:

- Long pants, full coverage shoes
- Full length vinyl apron with attached sleeves (blue)
- Long chemical resistant gloves (orange)
- Full face shield

Lack of appropriate PPE use is very dangerous and will result in suspension of access to the NRF

Please report PPE violations to the non-compliant user or to RSC staff (you can even use our anonymous tip link)



Best Practices for Chemical Hood Safety

Check the time; concentrated acid and base use can only occur between 8 am and 5pm on official UF work days.

Before starting any chemical work in a hood (or anywhere else), be sure to have the following in place:

Place a process documentation label in or near the work area stating user contact information and date and a schematic diagram of the experimental set up with the chemicals listed

THE FOLLOWING IS AN EXAMPLE OF THE FORM THAT RSC PROVIDES (THE ABSENCE OF THIS FORM DOES NOT RELEASE THE USER FROM THE RESPONSIBILITY OF PROVIDING THIS PROCESS INFORMATION)

Process Setup Schematic Documentation

Name / User Number: John Doe Extended Process authorization _____

Date / Time: 13 Sept 12 @ 1300 Projected end date and time: 15 Sept @ 1200

Contact Info: doe.j@uf1.edu CP# 852.855.1212 Staff Initials: JD

Schematic Labeled Drawing of Process Bench Setup

General acid Bench

Sink

DI Bath

BOE

CA Waste

Non-RSC Chemicals

An accurate inventory of all hazardous materials must be maintained by the facility. *You may not bring chemicals or substances of any type into the NRF without approval of NRF Staff.* Please make an appointment with Staff if you would like to use a substance not already approved for use in the NRF. A **Materials Request Form** must be completed and submitted to staff for approval. If approved, you will be shown where to store the substances inside the facility. It is possible that the material may not be compatible with facility storage or waste stream and require an additional approval of transport method for the material and its waste products. New chemistry may also have adverse effects upon other standard processes or damage common use equipment. Check first!

ABSOLUTELY NO CHEMICALS MAY BE LEFT NEAR EQUIPMENT (INCLUDING WET PROCESSING HOODS) INSIDE THE ANY OF THE LABORATORIES WITH OUT SPECIFIC STAFF APPROVAL AND SIGN OFF. VIOLATORS WILL LOSE ACCESS TO THE FACILITY .

Chemical waste management

- Every area that produces chemical waste should have an approved Satellite Accumulation area as close as possible, but always in the same room.
- RSC Staff requests regular pickup by EH&S, these will be scheduled so as to ensure that the hazardous wastes are not kept on site for more than a few days and do not build up to greater than permitted quantities.
- Each of the bottles are to be individually labeled with an accurate label detailing the name and quantity of all of the material in the container. If at any time the contents of the bottle is changed then the label should be modified on the spot.
- The amount of waste to be generated should be known before the process starts and there should be enough waste containers on hand to contain the waste before any reagent is dispensed.
- Check waste container levels BEFORE beginning your process, DO NOT overfill waste containers. Full is at 2/3 full (when the level reaches the curve of the bottle not the neck).



X-ray generating devices and dosimeter badges

Before you can request training on any tool that generates Xrays (XRD, CT) or is located in the NFMCF (rad lab) you'll need to complete the appropriate EH&S radiation safety training and acquire a dosimeter badge.

Your department should have a safety coordinator who is responsible for assisting you through the application, and quarterly swap of the badge.

All Operators of X-ray generating devices are required to wear their dosimeter on the designated body location at all times while operating the tools, or while present in the room with the equipment.

The NFMCF has additional safety protocols and guidelines that will be shared prior to tool training in that location.



Building Emergency Response Personnel

Facility operations Engineer:

Scott Gapinski

Facility Security and Key Issue:

Scott Gapinski

Andres Trucco

Laboratory Operation protocols and Safety Issues:

Any of the NRF User Facility Engineers – Check lab room doors for appropriate contact and phone number.

There is a staff engineer on call after normal business hours to respond to emergency building alarms.

Notices, updates and communications

You will receive a variety of emails from the RSCs, it is in your best interest to at least open and skim the content for relevant updates or events.

Once a week (usually Tuesdays) we send out a weekly update, this will highlight important facility or procedure changes, give a list of upcoming events and meetings, and give a short safety update or tip.

Tools you are trained on will auto send you status updates when the tool goes down or comes back online for use. Staff will summarize the issue and expected repair time if known in these updates.

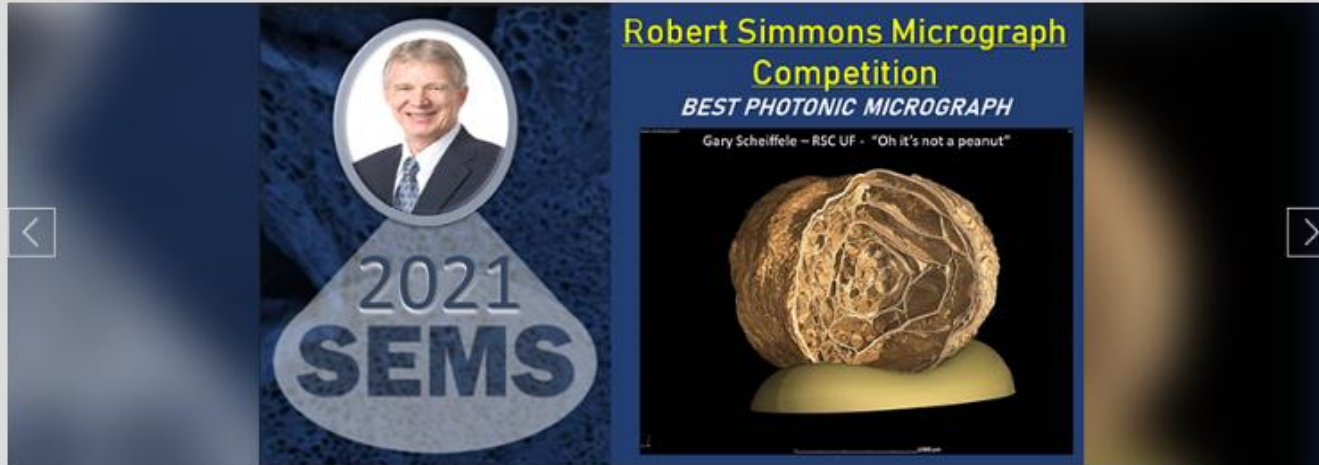
RSC administration may send out urgent updates directly to the users list, typically all users and PIs will receive these updates.

Safety violations, Improper tool shutdown or SOP violations: We will notify you of any issues that come up during or after your use. Usually a warning is given and note posted to your user account. Repeated violations will result in access being revoked.

We also have Teams Channels for processes/tools in the facility, and direct messaging through the TUMI system.

Please, please, please communicate with us. We really want your input so we can keep improving.

RSC Website



RESEARCH SERVICE CENTERS (RSC)

The Herbert Wertheim College of Engineering's Research Service Centers (RSC) support and enhance the research, education, and public service missions of the University of Florida by providing access to characterization and process instrumentation. Expert staff provides the assistance and guidance necessary so that students, faculty, and industry get the most effective and appropriate use of the center's facilities.

[Read More >](#)

NEWS & ANNOUNCEMENTS

<https://rsc.aux.eng.ufl.edu/>

Using the RSC TUMI System

(Tool – User – Machine – Interface)

These may be situated in the lab with the equipment or be in a central location controlling instruments in multiple labs.

We bill based upon time used according to TUMI login/logout

RSC TUMI 122

[CLICK HERE TO BEGIN A NEW KIOSK SESSION \(SIGN IN\)](#)

Tool	Status	Notes
RTA, 561 Solaris 150	Available	
Allied Multi-prep Lapping and Polishing system	Available	
Didng Saws- ADT	Available	
Electronic Measurement, Lakeshore 7507	Available	
Ellipsometer, J.A. Woolam	Available	
K&S 4700 Wedge Bonder (Staff R...)	Available	
Logitech P445 Polisher	Down	

Mon Jun 15 2020 2:17:18 PM

Before you log in, you can see a list of the tools this TUMI station is controlling, and the status of each tool.

Any upcoming reservations will appear here, it is not a requirement to have a reservation, but be mindful of upcoming reservations to ensure the tool is available at their reserved start time.

Dual Login. First the TUMI, then the tool.

Log in with your Gatorlink, dual authentication will be required.

Username

Password

[LOGIN](#)

You are logging in to a University of Florida (UF) information system and agree to comply with the UF Acceptable Use Policy and Guidelines. Unauthorized use of this system is prohibited and may subject the user to criminal and civil penalties. UF may monitor computer and network activities, and the user should have limited expectations of privacy.

Tool	Status	Notes
RTA, SSI Solaris 150	Available	Tool Login
Allied Multi-prep Lapping and Polishing system	Available	Tool Login
Diding Saws- ADT	Available	Tool Login
Electronic Measurement, Lakeshore 7507	Available	Tool Login
Ellipsometer, J.A. Woolam	Available	Tool Login
K&S 4700 Wedge Bonder (Staff Run)	Available	Tool Login
Logitech PMS Polisher	Down	Tool Login

Resync TUMI Relays

Go to My User Panel

Mon Jun 15 2020 2:19:00 PM



After you log in the list will update to only the tools you have access to, if you have not been trained on a tool or training has expired for any reason, you will not see the tool on this list.

RSC TUMI 122

WELCOME AL OGDEN (ALOGDEN)

PLEASE CLICK HERE TO END KIOSK SESSION ONCE FINISHED (SIGN OUT)

Tool	Status	Notes
RTA, SSI Solaris 150	Available	Tool Login
Allied Multi-prep Lapping and Polishing system	Available	Tool Login
Dicing Saws- ADT	Available	Tool Login
Electronic Measurement, Lakeshore 7507	Available	Tool Login
Ellipsometer, J.A. Woolam	Available	Tool Login
K&S 4700 Wedge Bonder (Staff Run)	Available	Tool Login
Logitech PMS Polisher	Down	Tool Login

Resync TUMI Relays

Go to My User Panel

Mon Jun 15 2020 2:19:23 PM

Select the appropriate log in button begin using the tool.

RSC TUMI 122

WELCOME AL OGDEN (ALOGDEN)

PLEASE CLICK HERE TO END KIOSK SESSION ONCE FINISHED (SIGN OUT)

Tool	Status	Notes
RTA, SSI Solaris 150	Available	Tool Login
Allied Multi-prep Lapping and Polishing system	Available	Tool Login
Dicing Saws- ADT	Available	Tool Login
Electronic Measurement, Lakeshore 7507	Available	Tool Login
Ellipsometer, J.A. Woolam	Available	Tool Login
K&S 4700 Wedge Bonder (Staff Run)		Tool Login
Logitech PM5 Polisher		Tool Login

Resync TUMI Relays

Mon Jun 15 2020 2:20:33 PM

If you made a reservation, these fields will be prefilled.

Dicing Saws, ADT Tool Login

Attention: Please make sure external work is only charged to external funding sources!

Please select a funding source: AA - Maintenance

Consumable Options: This equipment has no associated consumables.

Keep my kiosk session open: Yes No

Estimated Use Time (minutes): 60

If you did not make a reservation you will need to select the proper funding source to bill to. The estimated time will default to 1 hour, you can adjust this as needed.

**** Remember: you can always end a reservation early without penalty, and so long as no one else has a conflicting reservation you can stay beyond your estimated end time.**

RSC TUMI 122

WELCOME AL OGDEN (ALOGDEN)

PLEASE CLICK HERE TO END KIOSK SESSION ONCE FINISHED (SIGN OUT)

Tool	Status	Notes
RTA, SSI Solaris 150	Available	Tool Login
Allied Multi-prep Lapping and Polishing system	Available	Tool Login
Dicing Saws- ADT	Available	Tool Login
Electronic Measurement, Lakeshore 7507	Available	Tool Login
Ellipsometer, J.A. Woolam	Available	Tool Login
K&S 4700 Wedge Bonder (Staff Run)		Tool Login
Logitech PM5 Polisher		Tool Login

Resync TUMI Relays

Mon Jun 15 2020 2:20:33 PM

Dicing Saws, ADT Tool Login

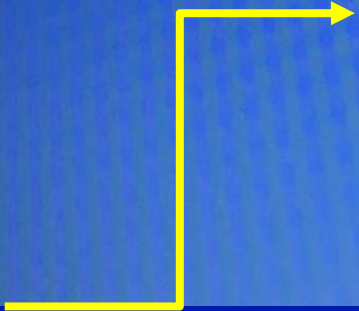
Attention: Please make sure external work is only charged to external funding sources!

Please select a funding source:

Consumable Options:

Keep my kiosk session open: Yes No

Estimated Use Time (minutes):



If you need to log into more than one line for your process, select YES here to keep the window logged in to select another line.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT	In Use	User: Al Ogden, Est. Logout Time: 3:15 PM	Tool Logout
Electronic Measurement, Lakeshore 7507	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Ellipsometer, J.A. Woolam	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
K&S 4700 Wedge Bonder (Staff Run)	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Logitech PM5 Polisher	Down		Tool Login

Resync TUMI Relays

[Go to My User Panel](#)

Mon Jun 15 2020 2:20:50 PM

Idle indicates a tool has been reserved at this time, but is not yet actually in use. In general, we ask you not jump on an unused reservation immediately, but if the user with the reservation is significantly tardy you may log in and use the tool. Be prepared to relinquish the tool should the user with a reservation turn up late.

You can **CANCEL** a reservation from your user panel
Once a reservation has begun this option will change to **STOP**

RSC TUMI 122

WELCOME AL OGDEN (ALOGDEN)

[PLEASE CLICK HERE TO END KIOSK SESSION ONCE FINISHED \(SIGN OUT\)](#)

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT	In Use	User: Al Ogden, Est. Logout Time: 3:15 PM	Tool Logout
Electronic Measurement, Lakeshore 7507	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Ellipsometer, J.A. Woolam	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PM5 Polisher			Tool Login

Resync TUMI Relays

Mon Jun 15 2020 2:21:11 PM

Tool Logout

Would you like to submit an adjustment to the time used?

Adjustments can be submitted if an issue occurred that prevented you from utilizing the total time logged on the tool.

Note: Please don't consider reserved time, only actual usage. Reservations can be stopped on the next form.

Adjustments are NOT reservation adjustments. These are modifications to the actual time logged into a tool. This is usually reserved for times when there was a technical issue that required staff assistance to remedy.

4 Point Probe Station Tool Logout



Logout time: 6/16/2023 3:13:10 PM, Duration of use: 0 hrs 0 min

Please enter the number of minutes that should be subtracted from the duration of this use in the 'Adjustment' field below.

Enter 0 to make no deduction. Enter 0 to deduct the entire amount (no charge).

Adjustment (Minutes):

0

How much time needs to be removed, how long did you wait for the issue to be resolved?

Adjustment Explanation (required if adjustment submitted):

Describe the issue, and who helped

Logout Comments:

Optional session notes

Engineering Time to Charge (Minutes):

Engineering Time to Charge (Minutes):

Engineering Time to Charge (Minutes):

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Cancel

Submit

Fri Jun 16 2023 3:13:26 PM

- ALWAYS include the name of the staff member who assisted you in the description in addition to the amount of time you are asking to have removed from your bill.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Resync TUMI Relays

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

~~Engineering Time to Charge (Minutes):~~

~~Engineering Time Short Description:~~

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Mon Jun 15 2020 2:22:56 PM

These 2 lines are available only to RSC staff, you will not see these options on your logoff.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Resync TUMI Relays

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Total Use, this is what determines the charge for the session, rounded up to the next 15 minute interval.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Resync TUMI Relays

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Mon Jun 15 2020 2:22:56 PM

Message box to link a note to the session. (This note will be included in the project invoice.)

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Selecting Yes will send the note above to all RSC staff.

Staff only sees this note if you select YES here. Otherwise, you are talking to the database.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Select Yes to alert other tool users to potential problems by posting a note to the status log. (e.g., starting a cryo cycle, or unresolved issue preventing use)

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

User Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Quickly log in/out of other equipment by keeping your session open.

Select "NO" to ensure you are logged off the TUMI after submitting your logout from the tool. Your session will auto log off after a few minutes of inactivity.

Tool	Status	Notes	
RTA, SSI Solaris 150	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Allied Multi-prep Lapping and Polishing system	Idle	Currently Reserved by Al Ogden from 2:20 PM to 3:15 PM	Tool Login
Dicing Saws- ADT			Tool Logout
Electronic Measurement, Lakeshore 7507			Tool Login
Ellipsometer, J.A. Woolam			Tool Login
K&S 4700 Wedge Bonder (Staff Run)			Tool Login
Logitech PMS Polisher			Tool Login

Dicing Saws, ADT Tool Logout

Logout time: 6/15/2020 2:21:19 PM, Duration of use: 0 hrs 0 min

Logout Comments:

Engineering Time to Return (minutes):

Engineering Time Work For:

Email Comments to Staff: Yes No

Post Comments to Tool Status Log: Yes No

Keep my kiosk session open: Yes No

Stop Reservation: Yes No

Mon Jun 15 2020 2:22:56 PM

Did you not use all your reserved time? No problem, select YES to end your reservation making the tool available to other users.

**REMEMBER—IF YOU SEE THE WHITE STROBE
LIGHTS FLASH IN THE AREA OF THE BUILDING THAT
YOU ARE WORKING—IMMEDIATELY EVACUATE.**

Finally, staff is here to help!
If you have a question, please ask!

Welcome To the RSC

