

TEAM INFORMATION PACKET

Regional Autonomous Robotics Circuit, Competition I
Bossier Parish Community College Gymnasium
Saturday, September 17, 2011

This packet is meant to provide pertinent information regarding the Regional Autonomous Robotics Circuit (RARC), Competition I. Any updates or additions will be emailed out to you between now and the day of the event with the final update provided to you the day before the competition.

Packet contents:

- I. Schedule
- II. What to do when your team arrives
- III. Needs and Reminders for the Day
- IV. Setup, Pit Area and Practice Area
- V. Additional Information
- VI. Contact Information
- VII. Coach/Team Checklist

REMINDER TO ALL TEAMS:

Please remind your students that they will be at a school function so school rules still apply. If your students are being dropped off by a parent then the teacher is responsible for that student. Either a teacher or parent should supervise any students that you bring to the competition at all times.

Please Read carefully!

I. Schedule of the Day

7:30-8:15	Registration/Team Check In
7:30-8:45	Team Practice
8:45-9:00	Opening Ceremonies
9:00-1:00	Sumo Challenge
1:00-2:00	Awards Ceremony

II. What to do when your team arrives:

1. Proceed directly to the **Registration Table** to get signed in and receive your **Registration Packet** for the day. Each team will have a table with electrical outlets nearby to plug in computers and to work on their robot. *You will need to provide your own extension cords and power strips.* Team Information Packets will include the following items: team number/name badges for each team member and coach, building map and the tournament schedule-at-a-glance sheet.

III. Needs and Reminders for the Day:

1. **Remember Your Tournament Team Number** – All teams will receive a Tournament Team Number at the registration table. Your Team Number determines the time you are scheduled for your Sumo matches. By looking at your **Tournament Team Number** and the Tournament Schedule-at-a-Glance sheet, you can determine when your team must report and to which location.
2. Each team will be provided several **Tournament Schedule-at-a-Glance** sheets during registration, which you may use to aid your team members in remembering your schedule. Extra copies will be available at the registration table.
3. Due to the nature of the Competition areas, **contestants and coaches MUST wear tennis shoes or non-scuff shoes.** We must be courteous to Bossier Parish Community College hosts by helping them maintain the gymnasium floor.
4. **Competition Area Guidelines – IMPORTANT:** No adults can approach the competition area AT ANY TIME (immediately preceding, during, or after competition play). Only two team members at a time are allowed to be on the playing field located within the competition area. Only team captains can speak with the judges. The rest of the team and coach(es) must remain behind the line to cheer on their team. This is done so that the maximum amount of spectators can see the event(s).
5. **Time Guidelines** for all Competition Sessions – It is very important that all teams maintain the schedule to ensure a timely tournament. Refer to your Tournament Schedule-at-a-Glance sheet and your Tournament Team Number to see the location and time when your team is to report for competition.
6. **WARNING: Interference**
NXT Robots – There are no guarantees that you won't encounter ultrasonic interference from other sources, including other robots with the use of the ultra sonic sensor. Thus, there is an implicit risk involved. We are limiting the numbers of students per team next to the competition table but if both robots at the table are using ultrasonics, we do not know how many problems they may encounter.
7. **Calibrating Your Robot** – Teams can use the competition tables before/after each round to calibrate their light sensors. No calibration will be allowed while a match/run is being completed.

8. **2011-12 Release Form** – There is a Release Form for the competition. **All team members and coaches are required** to have this form filled out and signed. It must have the students' parent's signature. Note – Your day of registration will be delayed until these are completed.

IV. **Setup, Pit Area and Practice Area:**

1. **TEAM Setup & Pit Area** –Each school will have a table with electricity to plug in computers and to work on its robot. Practice boards will be available for teams to use prior to the competition. Teams should not bring their own practice boards to the event. All personal items can be stored under your table, but please be aware that we are not responsible for lost or stolen items. Valuables (purses, etc.) should probably be kept on you or stored in your vehicles. Please bring extra batteries and a power extension cord(s) for your computer. We will not provide extension cords. Tables will have the school name on them.

V. **Additional Information:**

1. **Protests** – Please keep in mind that this is an educational, fun event and that the coach is the model for the team members. Remember that the judge makes all field judgment calls and cannot consider protests. Lead Judge decisions are final.
2. **Concessions** – There is a concession stand available at the Bossier Parish Community College gymnasium. More details regarding the menu at the concession stand will follow.
3. **Information regarding NXT users – MATERIALS:** At the competition table, the robot, its attachments, and all strategic objects must be made entirely of LEGO® elements in original factory condition. At the competition table, the total package of robot, attachments, and strategic objects when viewed all at once must conform to the following quantity limits on electrical parts, no matter what the team intends to use at any one time:

NXT:

- | | |
|----------------------|-------------------------|
| ✓ NXT controller (1) | ✓ lamp (1) |
| ✓ motors (3) | ✓ ultrasonic sensor (1) |
| ✓ touch sensors (2) | ✓ NO Color Sensors |
| ✓ light sensor (1) | |

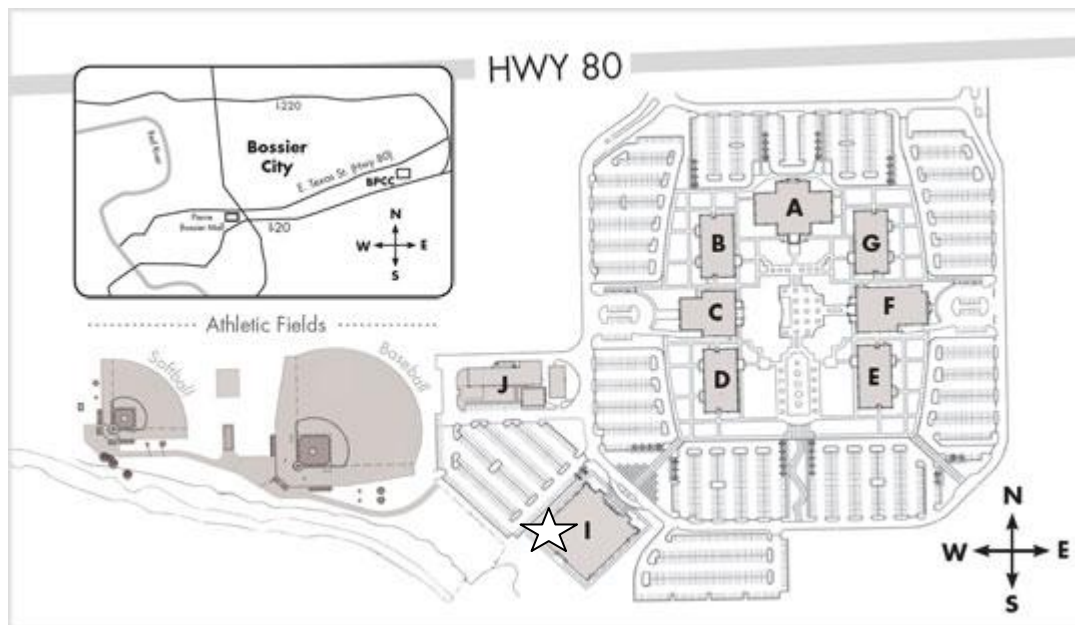
LEGO® wires and converter cables are allowed as needed. Spare/alternate electrical parts are allowed in the pit area. Objects functioning as remote controls are **not allowed anywhere**. There are no restrictions on the quantity, but the source of LEGO® pieces must be the 9648 and 9797 Mindstorms Kits. Stickers, paint, tape, glue, oil, etc. are not allowed, except markers may be used for owner identification in hidden areas only. To participate in a match, a team must follow this rule.

VI. **Contact Information:**

- **Cyber Innovation Center:**
318-759-1600
Joann.marshall@cyberinnovationcenter.org
- **Map:** (*Directions can be obtained from Map Quest or Google Map using the address below if needed.*)

Bossier Parish Community College, 6220 East Texas Street, Bossier City, LA 71111

The Bossier Parish Community College is Building I on the campus map below.



VII. Coach/Team Checklist:

The following list is being provided to help make your experience a positive one and to help you to organize your day. You can use the blank lined areas to list your own ideas. Check off the areas as you complete them.

- Due to the nature of the Competition areas, contestants and coaches **MUST** wear tennis shoes or non-scuff shoes. We must be courteous to our Bossier Parish Community College hosts in helping them maintain the gymnasium floors.
- Bring a "Release Form" for each team member, mentor and coach(es). *(YES, you need one, too)*
- Bring extension cords and power strips.
- Bring laptops.
- Bring a copy of the computer software you used (i.e. LEGO® MindStorms v1.0, etc.).
- It would be wise to bring your programs backed up on a disk/data stick in case of emergency.
- Bring extra batteries.
- Bring copy paper box or shoebox to store/put your robot in to help protect it from being accidentally reprogrammed or interfered with. It will also help you transport it from place to place.
- Do not bring team competition boards to the event.
- Download a map on how to get to Bossier Parish Community College.
- 'Morning of' reminders:
 - Make sure you get/know your Team Tournament Number(s).
 - Make sure everyone is wearing Tennis Shoes/non-scuff shoes.

**For
You
to
Use**

- _____
- _____
- _____
- _____
- _____

VIII. 2011-12 CONSENT, RELEASE, HOLD HARMLESS AND AUTHORIZATION TO REPRODUCE PHYSICAL LIKENESS

Team Name: _____

Role: Mentor Team Leader Student Participant Volunteer

This is a Consent and Release of Rights in favor of the Cyber Innovation Center (CIC), as well as entities designated and approved to assist CIC in managing, contracting, sponsoring, hosting, conducting, evaluating or publicizing (including individuals and entities working with CIC in print, publication, television, broadcast or video media) CIC's programs ("CIC's Cooperating Entities"). As used below, "Participant" shall mean any individual, student, mentor, teacher, or volunteer involved in a CIC event. In consideration of the acceptance of my participation in one or more CIC Events, I agree to the following:

I hereby grant to CIC, to CIC's Cooperating Entities, and to the press and media admitted into CIC Events the right to photograph, videotape, or otherwise digitally collect my likeness, voice and sounds (as "Works") during my participation at the CIC Event(s). I further acknowledge the Works by CIC and the CIC's Cooperating Entities to be works made for hire, and otherwise irrevocably assign and grant to CIC and to CIC's Cooperating Entities all rights in these Works and the right to use or sublicense these Works and my name, likeness and biography, in CIC's discretion, in all media and in all forms and for all purposes, including without limitation, advertising and other promotions for CIC or the CIC's Cooperating Entities, without any further consideration to me or any limitation whatsoever. It is a CIC policy not to print a minor's name with his/her picture without specific permission from his/her parent or guardian.

There are risks inherent in participating in CIC Events, including the risks inherent in the construction of robots as well as in working with electrical connections, traveling to and from events, and participating in public competitions. These risks include the risk of bodily harm (including without limitation, death) and property damage. Being fully cognizant of the risks in participating in an Event, I hereby assume those risks. **Except to the extent due to the gross negligence or willful misconduct of CIC or CIC's Cooperating Entities, to the fullest extent permitted by applicable laws, I HEREBY WAIVE ANY CLAIMS OR CAUSES OF ACTION which I may now or hereafter have against CIC and CIC's Cooperating Entities arising out of my participation in any CIC Event, and I will indemnify and hold harmless CIC and CIC's Cooperating Entities against any and all claims resulting from such participation.**

I HEREBY RELEASE CIC and CIC's Cooperating Entities and their respective successors, affiliates, licensees and assigns from all claims, demands, liabilities, damages, costs and expenses attorneys' fees, other professional fees and expenses, and any claims including, without limitation, claims for compensation, defamation, or invasion of privacy, or other infringements or violations of personal or property rights of any sort whatsoever that I may now or hereafter have against CIC and CIC's Cooperating Entities arising in connection with my participation in any CIC Event.

In the event I should sustain injuries or illness while involved in an CIC Event, I hereby authorize CIC and CIC's Cooperating Entities to administer, or cause to be administered, such CIC aid or other treatment and medications I may bring as may be necessary under the circumstances, to include treatment by a physician or hospital of CIC's or CIC's Cooperating Entities' choice.

This Release shall be binding upon my heirs, personal representatives and assigns, and me and shall be governed by and construed under the laws of the State of Louisiana, which shall be the venue for any legal action. This Release constitutes the entire agreement among the parties hereto with respect to the subject matter of this Release and supersedes any and all previous agreements among the parties, whether written or oral, with respect to such subject matter.

CIC strongly believes in confidentiality of all contact information. CIC promises that it will not rent, sell or distribute this contact information to any organization other than those directly involved in the operation and support of CIC programs. CIC will be using the personal contact information provided here as part of its participant database and to contact the CIC participant and/or the participant's guardian as part of its research, program evaluation, or alumni outreach efforts, or other related outreach activities as they may occur.

Unless I check this box to remove my consent, I hereby grant to CIC the right to use the personal contact information provided here for CIC's research, program evaluation, alumni efforts and/or other outreach activities.

I understand that this form involves a release of legal rights.

Participant Name _____ Participant Signature _____ Date _____
Address: _____ City: _____ State: _____ Zip: _____
Phone: Home (____) _____ Email address: _____
Age: _____ Gender: _____ (M) _____ (F)

Race (optional) [Please check one]: African-American Asian/Pacific Islander Native American/Alaskan White Multiple races

Ethnicity (optional): Hispanic Non-Hispanic

For Participants under the age of eighteen (18) years listed above: I hereby consent and agree to the above as the Parent/Legal Guardian of _____ (printed minor's name), in which case "I", "me" and "my" as used herein shall refer to said minor.

Parent or Legal Guardian Signature

Print CLEARLY Parent or Guardian Name