Code Request Information

All students must register at the Radiation Safety Information Computational Center (RSICC) website before being able to submit a request for a Scale or MCNP license. The process may take some time so please register as soon as possible at:

https://rsicc.ornl.gov/Registration.aspx

The entry fields are self-explanatory; please make sure to enter US University for "Funding Source 1". After entering your information, you should receive an email confirming your registration details. **PLEASE NOTE:** RSICC will be mailing you the requested MCNP discs directly to the mailing address you register your account with. Ensure you are entering an address where you receive mail at and not RPI's mailing address.

The next step is to put in two software requests through the RSICC webpage. After agreeing to the RSICC terms you will be prompted to select a software package.

MCNP:

Scroll down and select the option "**MCNP6.3-EXE**". This will ensure you receive the most up-to-date executable version of MCNP. Select your preferred computing platform and scroll to the top of the page to proceed to the next step.

The next page will ask if this is a student request. Select **Yes** and new prompts will appear. Please enter the following information in the appropriate fields:

Name of University	Rensselaer Polytechnic Institute
Professor	Dr. Yaron Danon
Professor University Email	danony@rpi.edu
Student University Email	*Your RPI email address*
Course Number	MANE-4430
Course Name	Linear Accelerator Laboratory

You will then be required to give a brief description of the course. Please use:

"MCNP® is used in a LINAC laboratory course to perform neutron transport calculations and compare with measured data. For example:

1. A calculation of the neutron flux spatial profile in a polyethylene cube with a Cf-252 in its center will be compared with measurements.
2. A calculation of neutron emissions from a water moderator at different temperatures will be compared with measurements of the same.

The results will be documented in laboratory reports and homework assignments submitted as part of the course requirements. MCNP® will also be used to perform criticality, reactor physics, and shielding calculations for research activities related to research and commercial reactor design and analyses.”.

After submitting your request, you should receive another email confirmation, and your software will be mailed to you shortly. If you have any questions about the software request or registration process, please contact me.