

**From:** Bohner, Shawn <bohner@rose-hulman.edu>

**Sent:** Monday, January 13, 2020 16:26

**To:** csse498 <csse498@rose-hulman.edu>; csse499-01 <csse499-01@rose-hulman.edu>

**Cc:** Tracy, Kim <tracy@rose-hulman.edu>; Hollingsworth, Joseph <hollings@rose-hulman.edu>; Hays, Mark <hays@rose-hulman.edu>; Chenoweth, Steve <chenoweth@rose-hulman.edu>; Mellor, JP <mellor@rose-hulman.edu>

**Subject:** CSSE 498/499: Senior Project Architecture and Design Panel Review Slots Allocated

Senior Capstone Project Teams,

Please **read this message carefully** as it has timely information required from you.

As we did with the Requirements Panel Review Sessions this past Fall Term, the Senior Project Advisors will be holding a **Software Architecture and Design Panel Review** this term to assess some aspects of your projects to see how well the Senior Project teams are applying what they learned in their CS/SE programs to their Capstone projects. To this end, we will be holding the **Winter Panel Review** sessions to understand Software Architecture and Design elements for the 18 teams **Wednesday 6th Week (January 22nd) from 9am until 3:00pm in room DL-119.**

This panel review assesses some aspects of your projects to see how well the Senior Project teams are applying what they learned in their CS/SE programs to their Capstone projects. The following are the assigned slots for teams to present their Winter Panel Review presentations based on the Schedule Lookup for classes; if there is an important reason to exchange a slot with another team, please contact me as soon as possible so we can attempt to contact a team willing to exchange slots with you.

**Wednesday 6th week:**

**Shawn Bohner's and Joe Hollingsworth's Teams:**

9:00am-9:18am: **Team 30 - Shawn**

9:20am-9:38am: **Team 4 - Shawn**

9:40am-9:58am: **Team 15 - Shawn**

10:00am-10:18am: **Team 5 - Shawn**

10:20am-10:38am: **Team 10 - Joe**

10:40am-10:58am: **Team 3 - Joe**

11:00pm-11:18am: **Team 8 - Joe**

11:20am-11:38am: **Team 14 - Joe**

11:40am-11:58am: **Team 6 - Shawn**

**Kim Tracy's Teams:**

12:00pm-12:18pm: **Team 7**

12:20pm-12:38pm: **Team 2**

12:40am-12:58pm: **Team 1**

1:00pm-1:18pm: **Team 11**

1:20pm-1:38pm: **Team 16**

1:40am-1:58pm: **Team 13**

2:00pm-2:18pm: **Team 12**

2:20pm-2:38pm: **Team 17**

2:40am-2:58pm: **Team 9**

**Please arrive at least 15 minutes before your time slot/appointment** as we may finish the prior session yearly sometimes.

**Each team will be given a total of 20 minutes to set up and present their Senior Project Software Architecture and Design along with key tradeoffs as outlined below.** We recommend allocating your time to **~12 minutes presenting your material and ~5 minutes to respond to questions** from the panel.

The objective of the review is relatively simple: the team must **demonstrate the application of what they learned in their respective Computer Science and Software Engineering programs regarding Software Architecture and Design** completed thus far in their Senior Capstone Projects. Note that software architecture and design are represented in several acceptable forms including UML diagrams, Design Patterns, Context Diagram, Element Catalog, Component-Connector or Module styles, and the like. Often software architecture and design use multiple forms of these to be complete. (Note: CSSE 499 team will have Deployment related criteria as assigned).

While this panel will have members from classes you have taken here in the CSSE programs, each advisor will assess their respective teams as they deem appropriate. While we do not expect teams to have completed all of their Software Architecture and Design artifacts fully at this point, we do expect that they have completed enough to demonstrate that they are applying what they learned in CSSE 374 Software Design (and related classes such as CSSE 376 Software Quality Assurance, and CSSE 477 Software Architecture). This is what the Panel will be focusing most of the attention on. A subsequent panel review in the Spring will assess Construction/Delivery/Deployment in a similar manner.

Again, we will be holding these Panel Sessions on Wednesday (January 22nd) from 9:00am until 3:00pm - most times when you should not have other classes. Hence, we expect that **all members of the Senior Project team will make every effort to participate in the Panel Session as it is mandatory attendance**. Further, every team member will be expected to contribute to the discussion. If there is a perception that a team member is not sufficiently contributing, the Panel will probe them to see if they understand the material through directed questions.

There is no requirement for a PowerPoint presentation or even handouts; however, you should be able to show evidence of your requirements and initial architecture artifacts. It might be wise to have a copy of these artifacts available if there are subsequent questions. Again, completeness is not our focus, but rather the use of what you learning in the program. Please find the Rubric for the Panel that the reviewers will be using.

We Senior Project Advisors may be joined by other faculty members for the panels due to their involvement in CSSE courses. We look forward to seeing the fruits of your labor this term on Wednesday and wish you the best in your presentation.

Warm and hopeful regards,  
Shawn, Kim, and Joe  
CSSE 498/499 Senior Project Advisors

---

**Shawn A. Bohner**  
Professor of Computer Science and Software Engineering  
Director of Software Engineering

**ROSE-HULMAN** INSTITUTE OF TECHNOLOGY  
5500 Wabash Avenue | Terre Haute, IN 47803-3999  
Phone: 812.877.8685 | Fax: 812.872.6060  
[www.rose-hulman.edu](http://www.rose-hulman.edu)