

**Welcome! All SCIS students and faculty are welcome. Please Note....In order to log out of the chat properly you must use the quit button at the bottom of the page.**

**NOTE Terrell** just logged in **Chat Room One** channel. (09:53:51 PM)

**HELP** You may type */help* to get all chat commands.

**NOTE DaveM** just logged in **Chat Room One** channel. (09:54:31 PM)

**Terrell:** Hi Dave

**Terrell:** I thought it was just going to be me for a minute!

**DaveM:** Hello and good evening

**NOTE JoeAshby** just logged in **Chat Room One** channel. (09:55:58 PM)

**Terrell:** Hi Joe

**JoeAshby:** Hi Chief, Hi Dave

**NOTE Marilyn** just logged in **Chat Room One** channel. (09:56:39 PM)

**Terrell:** Hi Marilyn

**Marilyn:** Hi Everyone.

**NOTE Phyllis** just logged in **Chat Room One** channel. (09:57:38 PM)

**Terrell:** Everyone - I'm going to wait about 1 more minute and then get started. There's really not that much to talk about but I want to make sure you're all on track.

**Phyllis:** Hi everyone

**NOTE Eydie** just logged in **Chat Room One** channel. (09:57:57 PM)

**Marilyn:** Dr. Terrell, you'll be talking about our next G&A task, yes?

**NOTE jrogate** just logged in **Chat Room One** channel. (09:58:38 PM)

**Eydie:** Hi I finally made it back

**Terrell:** Everyone - let's go ahead and get started. I want to talk briefly about Task 8 (the 5th assignment) and then about Case Study 6. During and after, if you have any questions, let me know.

**Terrell:** First, if you've already looked ahead in the book, you can see that Task 8 involves putting together the entire research plan.

**NOTE jrogate** has left **Chat Room One** channel. (10:00:07 PM)

**Terrell:** It combines the participants and instrumentation section we've already done and then we're going to add the design and a fully developed procedure section.

**Terrell:** hold one second

**Marilyn:** For Task 8, there are no page guidelines. Can you specify?

**Eydie:** It appears not to include the very first assignment which researched and developed the concept

**Terrell:** hold on, i'll be right back

**Terrell:** sorry, I needed to get my book.

**Terrell:** In any event, in Task 8, you put together/expand what you've already done in Tasks 3, 4 and 5.

**Terrell:** You'll find that the participants section stays about the same, the instrumentation section is an abbreviated version of what you wrote about the instrument you chose and the design section is brief.

**Marilyn:** What is "put together" -- provide additional explanation and also include what what we've already written?

**Terrell:** Where you'll really need to expand is in the Procedure section - herein you want to go into as much detail as possible as to how you would conduct the study.

**Terrell:** Put together means that you've already developed it in another assignment, now you're going to combine it together into the 5th assignment (Task 8).

**Eydie:** It appears to be detail about what is actually done to create a different experience in the environment

**Terrell:** When you're working on the procedure section, I always tell folks to consider it as a road map - you want to put in as much detail as you can to help you, or others following you, not get lost.

**Marilyn:** Sorry to be so dense, but do you want to see again what you've already looked at, just all combined and with an extended Procedures section?

**Terrell:** Have you read through the Task 8 performance criteria?

**Terrell:** When you do, you'll see that it contains 4 sections - participants, instrument, experimental design and procedure.

**Marilyn:** Ooops. Sorry. Now I'll be quiet.

**NOTE fphyllis** just logged in **Chat Room One** channel. (10:07:25 PM)

**Terrell:** You've already worked on these separately but will be combining them in this assignment.

**Terrell:** The example on pages 406 and 407 will show you exactly what you need to do.

**Terrell:** A good procedure section helps improve the validity of the study by helping the researcher think through the plan prior to implementation and then follow the plan closely as the research is being conducted.

**Terrell:** It also allows future researchers to see how the study was conducted and replicate/expand the study if necessary.

**DaveM:** For the instrument assignment some of us did not have an instrument for our topic and evaluated 3 tools for a different topic. How do we incorporate that into this package?

**Terrell:** Great question - what you need to do here is simply explain how you would collect data for your

study.

**Terrell:** Remember, you did those alternate assignments in order to learn the process - we'll get back on track here by simply stating how you would actually collect the data.

**Terrell:** (fyi, I've not forgotten the two earlier questions re page numbers, etc - I'm getting there).

**Terrell:** There's one minor change I want made for this assignment.

**Terrell:** I want you to take the material you developed for Task 2 (the first assignment) and include it at the first of this document.

**Eydie:** Do you want us to improve our errors in that assignment?

**Terrell:** Putting them together will give you a complete research proposal - from the statement of the problem, the ROL and hypothesis up to the actual procedure you would use to conduct the study and investigate the hypothesis.

**Terrell:** Right - make changes based on the feedback I gave you in ESET.

**Terrell:** For this assignment (Task 8), all you will do is put that at the first of the paper.

**Terrell:** This new material should only add about 2 or 3 pages to the total length.

**NOTE lynncco just logged in Chat Room One channel. (10:13:33 PM)**

**Terrell:** I want you to do this for two reasons. First, it does give you an entire research plan and second, it will be a good model for the final examination.

**Terrell:** hi lynn - you've missed a few minutes but I'll send out a transcript.

**NOTE Phyllis has left Chat Room One channel. Connection timed out. (10:13:56 PM)**

**lynncco:** thanks

**Terrell:** For the final exam I'll be giving you a case study. In order to complete it, you'll have to develop a research plan (intro/ROL/hypothesis/participants/instrument/design and procedure).

**Terrell:** In short, you'll be doing the same thing for the final exam that you've been doing all term - the only difference is that you'll all be working on the same case. I'll tell you right off the bat, however, there are many ways to solve this one case.

**Eydie:** When you say case study does that mean that the area to research will be identified or do we have to develop our own?

**Terrell:** I'll be sending out the final toward the end of April - I plan on allowing 5 weeks or so for you to complete it.

**Terrell:** No, I'll actually tell you the problem and you'll have to develop a research plan to investigate it.

**DaveM:** Will we be doing the research for the case?

**Terrell:** Do you mean collecting data, etc?

**DaveM:** yes, ie ROL

**Terrell:** Yes, you'll develop a brief ROL just like you did in the first assignment.

**Terrell:** For the first part of the final, you'll be handing in exactly what I'm asking for in the 5th assignment - a complete research plan.

**Terrell:** There is a second part, however.

**Terrell:** Once you've created your research plan you will have identified an independent variable(s) you want to manipulate and dependent variable(s) you might want to collect data about.

**Terrell:** For that, I'll ask that you use the random number generator (more specific instructions with the final) to create data for the groups you have. I'll then ask you to select the appropriate statistical test, analyze your data and test your hypothesis.

**NOTE Phyllis just logged in Chat Room One channel. (10:20:13 PM)**

**Terrell:** So, in the final exam, you'll have created a research plan, "collected data", analyzed it and determined the results.

**Terrell:** In short, you'll be doing what you spent the entire rest of the term doing in both the course and project.

**Terrell:** The only difference is that it won't take 5 months to do it (at least I hope not)!

**DaveM:** Do you have an anticipated date you will get the exam out to us?

**Terrell:** hold one second - I have to walk across the room to see my wall calendar - either that or find my glasses.

**Terrell:** I plan on sending it out on Monday, April 26th. That will give you about 5 weeks to complete it.

**NOTE fphyllis has left Chat Room One channel. Connection timed out. (10:23:42 PM)**

**Terrell:** So, having said all of that, do you have questions about Task 8 (or, to a limited degree, the final)?

**DaveM:** Excellent! Thanks for the lead time.

**Marilyn:** I'm still wondering if you have a page guideline -- 6? 8? more?

**Terrell:** No problem - I want you all to do a good job - remember, I have to serve on dissertation committees - I want people to know what they're doing!

**Terrell:** page guidelines for what - Task 8?

**Marilyn:** Yes.

**Terrell:** I said it should be about 2 to 3 pages. In the Gay book, you see it's about 2, a lot of us are more verbose than she was.

**Terrell:** As always, though, her's is a good example.

**Terrell:** More questions?

**Marilyn:** 2-3 pp. for the entire task? Again, sorry to be so dense.

**Terrell:** For the part actually related to Task 8; 2 to 3 pages. You're going to add that to the first assignment (Task 2). Most of you wrote 3 to 5 pages there so the total will be anywhere from 5 to 8 pages.

**Marilyn:** Thanks!

**Terrell:** No problem, I just want to make sure everyone understands where we're going.

**Terrell:** Ok - other questions about Task 8 or the final?

**Terrell:** OK - let me talk about a couple of other things.

**Terrell:** First, Task 8 (the fifth assignment) is due on 4/11. That's the last part of the coursework.

**Terrell:** I'll be at the AERA conference from the 10th to the 17th and will be very busy so I might not get a chance to finish grading all of them until the next week.

**Marilyn:** You changed that due date to 4/12, yes?

**Terrell:** That's OK, though, because, as I said, that's the last part of the coursework. Right, I did - the 11th is Easter.

**Terrell:** That reminds me - if my due dates interfere with any type of religious observation, please let me know and we'll work around those.

**Terrell:** In any event, I'll get those assignments graded as quickly as possible.

**Terrell:** During that same week on the 14th we're scheduled for another online class.

**Terrell:** Unless there is strong objection I think I'll simply send out notes rather than holding the session itself. I'll be on Pacific Coast time and I have conference sessions scheduled up to that point.

**Terrell:** At that point, we'll only be worried about case studies 7, 8, 9 and 10. I'll send those out in the next few days and you can be working on those.

**Terrell:** My suggestion is, since the last course assignment is due on the 12th, you should try to get as many of the case studies done as possible by the end of April - that will give you the entire month of May to dedicate solely to the final exam.

**Terrell:** Does all of this make sense - do you have questions?

**Eydie:** sounds reasonable

**Terrell:** Perfect.

**DaveM:** Or will it not be needed for the final?

**Terrell:** will what not be needed?

**DaveM:** The information from the final case studies.

**DaveM:** Will those assignments be applicable to what we need to do for the final?

**Terrell:** You may, in fact, use some of those statistical tools in your final exam - when you're to that point and have identified the independent variable for your study, its levels and the dependent variable, you'll use the table on page 256 of my book to pick

**Terrell:** out the right test. My guess is you'll already have covered the test you'll need.

**Terrell:** Let me just say a couple of things about case study six - the independent sample t test.

**DaveM:** OK sounds good.

**Phyllis:** Yes, thanks for the hint!

**Terrell:** You're welcome.

**Terrell:** As you saw in the one-sample t test, you compared the average of a sample to a known value and tried to determine if the difference between the two was due to chance or was the difference truly significant.

**Terrell:** In case study six you'll be doing the same thing except you'll be looking at the average value from two different groups.

**Terrell:** The groups are unique (i.e., independent) of one another and you'll use the test to determine if they are significantly different on whatever it is you want to measure about them.

**Terrell:** This case is much like the others you worked through recently.

**Terrell:** There are three questions - for each you'll have to generate data and test a hypothesis that you're given.

**Terrell:** In this case, however, you have the statpak software to help you.

**Terrell:** It will generate the computed value of  $t$  you need as well as any descriptive statistics.

**Terrell:** You'll then use the alpha value and  $df$  to find the appropriate critical value of  $t$  in the table and use it to test your hypothesis.

**DaveM:** For the case study, is our decision based on the  $t$  test or do we check the  $p$  and effect size etc as well?

**Terrell:** This should make it a lot easier than earlier studies simply because you've gotten the hang of using the tables.

**Marilyn:** Re "unique" groups, would this test apply to pre-test and post-test results of one rather than different groups?

**Terrell:** That's a good question. Some of you have access to SPSS or other software that will generate a  $p$  value. If you have it, by all means include it if you want to. You can also interpret the confidence interval if

you want to.

**Terrell:** All I care about, though, is the comparison of the critical to computed values of t.

**Terrell:** Although, since it's a good idea, I think I'll include the CI part for the cluster group - I'll send them your regards!

**DaveM:** Perfect!

**Terrell:** You'll find, in the case study, that you'll be testing a "less than", a "greater than" and a non-directional hypothesis.

**Terrell:** Most of you seem pretty at ease with the idea of hypothesis test up to this point, I think you'll find the independent sample t test and the dependent sample t test don't add a lot to the problem of decision making.

**Terrell:** Now, given all of that, I've said everything I intended to say. I thought I would be quick but, as usual, I've babbled on and on. Now, what about you? Any questions about anything?

**Marilyn:** Well, I did have the question about comparing pre- and post-test results.

**Eydie:** Yes a personal one so I will hold it until the end

**DaveM:** A lot of good inf tonight thanks!

**Terrell:** go ahead Marilyn

**DaveM:** Not sure why my old question repeated.

**Phyllis:** Yes, thanks for the good info. Sorry, about the multiple logins and logouts. I was having trouble with my wireless router. It kept dropping the network connection. Goodnight

**Terrell:** I didn't see it repeat here.

**Marilyn:** Perhaps I should educate myself before asking, but rather than comparing unique groups, does this test work for comparing pre-test and post-test results of a single group?

**Terrell:** no problem Phyllis - I figured something was amiss.

**Terrell:** you do use a t test but you would use a dependent sample t test to do what you're suggesting.

**NOTE Phyllis** has left **Chat Room One** channel. (10:52:07 PM)

**NOTE lynnmc** has left **Chat Room One** channel. (10:52:23 PM)

**Marilyn:** Thanks!

**Terrell:** The independent sample t test is developed to work with two distinct groups. The dependent sample t test allows for the correlation that's going to exist between the groups when doing the analysis.

**Terrell:** no problem.

**Terrell:** anyone else before eydie?

**DaveM:** All set thanks.

**Marilyn:** Thanks so much for all the good information/insight.

**Terrell:** No problem, it's my pleasure - let me know when I can help.

**Terrell:** Go ahead eydie

**DaveM:** good night

**Marilyn:** For starters, how about moving to Tucson?

**NOTE DaveM** has left **Chat Room One** channel. (10:54:04 PM)

**Terrell:** It's a beautiful city but too landlocked.

**Eydie:** I am feeling email challenged. I sent task 5 to find out several hours later there was no attachment, so I sent it again, did you receive it?

**NOTE Marilyn** has left **Chat Room One** channel. (10:54:52 PM)

**Eydie:** I know you can't answer that right now but let me know when you get a chance to check.

**Terrell:** yes - it's in my inbox. It wasn't attached the first time but I have it now.

**Terrell:** I'll look at it asap.

**Eydie:** great thanks

**Terrell:** Is everyone set? If so, I'll be sending out this transcript in a few minutes.