Course Description:
Psyc 101 is an upper division course that is required to earn a B.A. in Psychology. The course will examine descriptive and inferential statistics as tools for evaluating research data as well as for developing critical thinking. Topics will include measures of central tendency, measures of variability, correlation and regression, sampling distributions, hypothesis testing procedures including t-tests and analysis of variance, and selected other topics. This course will be using a Team-Based Learning (TBL) format, which is a method that helps develop critical thinking skills, workplace learning skills, and higher levels of cognitive processing. Your course points will come from readiness assurance tests, homework, in-class activities, peer evaluation, and a final exam.

Course Prerequisites
• It is assumed that students have taken Psyc 2 and 8 or their equivalents.
• It is assumed that students have approximately 9 hours per week to devote to this course (including attending lecture, completing homework assignments, and reading/studying).
• It is assumed that students enrolled in 101 have familiarity with using computers and technology (e.g. Internet browsing, opening/saving files, Adobe Reader, etc)

Instructor: Dr. Sarah Strand, Ph.D.
Office Location: Amador Hall 356
Office Hours are on Wednesdays or by appt:
• 12pm – 2pm (in person, AMD 356)
• 2:00 – 3:00pm (via Zoom, link on SacCT)
Email: sstrand@csus.edu
**Course Content:**

Psyc 101 is structured around 5 learning modules that each begin with a readiness assurance test (RAT) and a mini-lecture (10-15 min). The rest of the module is spent on team-based application activities.

- **Module 1**: Variables, Frequency Tables, Histograms, Central Tendency, Variation *(Chp 1 – 2)*
- **Module 2**: Z-Scores, Normal Distributions, Samples, Populations *(Chp 3)*
- **Module 3**: Probability, Hypothesis Testing, Effect Size, Power *(Chp 4 – 6)*
- **Module 4**: t-Tests, Analysis of Variance, Post-Hoc Comparisons *(Chp 7 – 9)*
- **Module 5**: Correlation, Regression, and Chi-Square *(Chp 11 – 13)*

**Required Materials**

The following materials are required for this course:

1) **SacCT 9.1 by Blackboard** *(free)*  
   Refer to [www.csus.edu/sacct/student](http://www.csus.edu/sacct/student) for instructions on creating a SacLink account and logging in to SacCT.

2) **Textbook**: *(available at the bookstore)*  
   **Statistics for Psychology**  
   New York: Pearson Higher Education

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**Can I do well in this course if I just come to class and log in to SacCT regularly?**

The SacCT website contains course information, announcements, assignment details, and a calendar. However, you need the textbook as well.

You will complete assigned readings and problem sets from the textbook. Without the textbook you will be unable to adequately prepare for the readiness assurance tests (RATs). This will not only negatively impact you personally, but it will also negatively impact your team members.

You will complete a set of homework problems for each chapter that will be due in class. Without the textbook you will be unable to complete the homework assignments.
How can I be successful in this course?
There are several things you can do to be successful in this course. First and foremost, complete all readings and homework assignments. Second, come to class prepared and participate! Third, instead of memorizing information, focus on understanding each module’s concepts and the examples that illustrate those concepts. Fourth, if you are experiencing problems, need help, or have questions or concerns, do not hesitate to contact me.

Readiness Assurance Tests (RATs), Application Activities, and Final Exam
• iRATs and tRATs (closed-book)
  – Before each module, you will read the assigned chapter sections (pre-class preparation).
  – On the 1st class of each module, you will take a RAT (typically 20 MC questions). After you complete the RAT individually (iRAT), you will do the same RAT with your team (tRAT).
  – After completion of the tRAT, a short mini-lecture will be given to clarify concepts not well understood.
• Application Activities (open-book)
  – The remaining days of each module (see SacCT for schedule), will use the foundational knowledge acquired from pre-class preparation and the RATs to make decisions that will be publically reported (using small whiteboards) and subject to cross-team discussion/critique.
• Comprehensive Final Exam
  – The final exam is required and will be held during finals week.
• MISSED WORK POLICY
  – No missed or late work will be accepted for any reason.
  – You can ask a friend to turn in your problem sets OR turn them in to a person in the Psychology Main Office (AMD 350), i.e. items placed in the drop box will not be accepted.
  – You are allowed to make up one iRAT if you take it BEFORE the scheduled RAT date.
  – You will receive a 0 for any additional iRATs, and all tRATs or Application Activities unless you get written, signed consent from ALL your team members submitted to me no later than the missed class period.

Student Evaluation
Team-Based Learning (45%)
You will be assigned to a team during the first week, and you will sit with your teams during all classroom sessions.

iRATs and tRATs (25%)
The RATs are designed to gauge your comprehension of the assigned readings and your “readiness” to begin problem solving. The individual readiness assurance test (iRAT) will make up 10% of your grade, and the team readiness assurance test (tRAT) will make up 15% of your grade.

Application Activities (10%)
These activities are designed to encourage higher-order mental processing by going beyond memorization and regurgitation of answers. Teams work together to solve problems and make a specific decision. Then, teams report their answers simultaneously, and we have a class-wide discussion.

Peer Evaluation (10%)
This provides an opportunity to give feedback on preparation, performance, and overall contribution to team success. The peer evaluation will be used to adjust an individual’s team performance score to more accurately reflect an individual’s performance and contributions to the team.

Door Tickets (15%)
Non-RAT module days will have a required problem set that allows you entry into the class. This ensures proper preparation for the day’s activity. No door ticket, no class entry, no exceptions.

Final Exam (40%)
Final Grades will be assigned based on your weighted performance in each of the three categories, according to the percentages below:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>≥ 93%</td>
</tr>
<tr>
<td>A-</td>
<td>&lt; 93% and ≥ 90%</td>
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<tr>
<td>B+</td>
<td>&lt; 90 % and ≥ 87%</td>
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<tr>
<td>B</td>
<td>&lt; 87% and ≥ 83%</td>
</tr>
<tr>
<td>B-</td>
<td>&lt; 83% and ≥ 80%</td>
</tr>
<tr>
<td>C+</td>
<td>&lt; 80% and ≥ 77%</td>
</tr>
<tr>
<td>C</td>
<td>&lt; 77% and ≥ 73%</td>
</tr>
<tr>
<td>C-</td>
<td>&lt; 73% and ≥ 70%</td>
</tr>
<tr>
<td>D+</td>
<td>&lt; 70% and ≥ 67%</td>
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<tr>
<td>D</td>
<td>&lt; 67% and ≥ 63%</td>
</tr>
<tr>
<td>D-</td>
<td>&lt; 63% and ≥ 60%</td>
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<tr>
<td>F</td>
<td>&lt; 60%</td>
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Miscellany Regarding Student Evaluation
Incomplete and “WU” grades for this course will be considered on a case-by-case basis.

– An incomplete will only be given if unforeseen events gravely interfere with a student’s ability to perform at an adequate level. Incompletes will not be given for unqualified poor performance.
– A “WU” will only be given if a student fails to complete most of the course requirements, doesn’t withdraw from the course, and talks to me about their specific situation.
**Course Technology Policy**

This course uses technology during both instruction and course communication, typically via SacCT. Student difficulty with obtaining or operating technology – including a working internet connection – will not be accepted as an excuse for missed or late work. Due to the variation in computer types and systems, it is unlikely that I will be able to assist you in trouble shooting all problems you may have. Please refer to tutorials and help desk information at the Student Technology Center (AIRC 3007) for assistance.

**Use of Personal Electronic Devices in the Classroom**

Using personal electronic devices (headphones, laptops, cell phones, etc) in the classroom setting can hinder instruction and learning, not only for the student using the device but also for other students in the class. To this end, the University establishes the right of each faculty member to determine if and how personal electronic devices are allowed to be used in the classroom.

- Headphones are **not allowed** for any reason.
- Laptops, tablets, and phones are permitted for class-related use only.

Students using personal electronic devices for other purposes will be:
- **First offense:** asked to put the device away
- **Second offense:** asked to leave the classroom
- **Third offense:** everyone loses privilege of using their devices in class

**Campus Computer Labs**

Information Resources and Technology (IRT) manages numerous computer labs on campus. Students may drop in to use the computer labs during open hours. The ATCS website contains information pertaining to the location, hours, and software available for each of the computer labs: [http://www.csus.edu/irt/Labs/locations.html](http://www.csus.edu/irt/Labs/locations.html)

**Services to Students with Disabilities**

If you are a student with a documented disability needing academic accommodations, it is your responsibility to meet with an SSWD counselor to arrange your specific accommodations. Contact me by **Fri February 3rd** to discuss your needs. Please note that no special accommodations will be provided without an SSWD Accommodation Letter (an emailed PDF is fine too) and no retroactive accommodations will be given. All discussions will remain confidential.

**Services to Students with Disabilities (SSWD)**

Lassen Hall 1008
916-278-6955 (voice); 916-278-7239 (TDD only)
sswd@csus.edu http://www.csus.edu/sswd
Expectations

Teacher Expectations:
• Communicating learning objectives (what you need to know)
• Developing fair and valid measurements of your learning
• Using evidence-based approaches to support your learning (structured independent learning, engaging students as active participants, frequent assessment, and feedback)

Student Expectations:
• Taking personal responsibility for your own progress (what do I need to do to learn this?)
• Actively engaging in the learning process (putting in the time it takes to do well, participating in class discussions, asking questions, utilizing resources to support your needs)

What do I do if I miss a class?
Each class period is of critical importance. You are allowed to make up one iRAT, but will receive a 0 on all other work completed or due in class. The only exception is for the tRAT and the Application Activities if you have written consent from your group.

Does this syllabus contain everything I need to know for the semester?
This syllabus is subject to change. In addition, the majority of the details associated with course expectations are posted on SacCT. It is your responsibility to stay up-to-date with new information and changes that are posted on SacCT. To do this, I expect you to log in to the course’s SacCT website AND check your CSUS email several times a week.

How should I contact you?
The best way to contact me is through email (listed on page 1), office hours or appointments, or talking to me before or after class. You are free to call my office phone or message me through SacCT; however, I check for messages there much less frequently than my csus.edu email address. I will respond to emails sent to my csus.edu address within 24 hours Monday through Friday.

Cheating – Don’t Do It.
You are encouraged to discuss your problem sets and in-class activities with others. However, you are in violation of the Academic Honesty Policy if you copy from someone else’s exam. The consequences for academic dishonesty include, but are not limited to, an F on the exam and/or reported to Student Conduct. Refer to SacCT for the full Academic Honesty Policy.

Drop Policy:
Once the add/drop period ends (after the first two weeks of class), no drop requests will be granted except under extreme family or medical circumstances. Please review your schedule carefully to ensure you are able to participate in this class for the whole semester.