

**New York City College of Technology
Social Science Department
Fall 2021**

COURSE CODE: PSY 3407/OL22 Tuesday 8:30-11:00AM
TITLE: PSYCHOLOGY OF VISUAL PERCEPTION
hours/credits:3 class hours; 3 credit hours Rm: Online

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Office Hours: Tuesday 2:30 -3:30PM Online

COURSE DESCRIPTION:

The physiological, psychophysical and cognitive perspectives that guide the contemporary understanding of human visual sensation and perception are explored. Students are provided with the opportunity to test various theoretical perspectives covered by using the experimental method. Topics covered include object perception, depth perception, motion perception, size perception and color perception.

COURSE CO/PREREQUISITE (S):

Prerequisites: PSY 1101 Introduction to Psychology; ENG 1101 English Composition I

RECOMMENDED TEXTBOOK Goldstein. (2017, 2014). Sensation and Perception, 10th Edition. New York: Cengage. ISBN-13: 978-1-305-58029-9 , Older editions are acceptable.

Please note that the following outline is subject to change. If changes are made, you will be advised in advance. Furthermore, YOU are responsible for making sure that your outline is up to date.

Content	Week (Day)	Chapter
Syllabus Review, Introduction to Perception and Theoretical Approaches	1 (8/31)	1
Research Methods in Perception; Psychophysics	2 (9/14)	Methods, PDF
The Basic Elements of Visual System; Anatomy of the Eye;	3 (9/21)	2
Neural Processing and Perception	4 (9/28)	3
The Basic Elements of Visual System; Cortical Organization , Review for exam 1	5 (10/5)	4
Exam 1 (1, Methods, 2, 3) , Followed by lecture Finish The Basic Elements of Visual System; Cortical Organization	6 (10/12)	4
Perceiving Objects and Scenes	7 (10/19)	5
Visual Attention The interaction between perception and action	8 (10/26)	6
Taking Action, Review for Exam 2 (4, 5, 6)	9 (11/2)	7
Exam 2 (4, 5, 6) , Followed by lecture : Perceiving Motion	10 (11/9)	8
Finish Perceiving motion	11 (11/16)	8
Perceiving Color	12 (11/23)	9
Perceiving Depth and Size, Review	13 (11/30)	10
Third Exam (7, 8, 9)	14 (12/7)	
Final Exam (Fourth)	15 (12/14)	

COURSE INTENDED LEARNING OUTCOMES/ASSESSMENT METHODS

LEARNING OUTCOMES	ASSESSMENT METHODS*
Demonstrate an understanding of basic neuronal functioning including concepts such as excitation, inhibition, and habituation.	Objective or subjective exam items
Demonstrate an understanding of the neuroanatomy of the visual system.	Objective or subjective exam items
Demonstrate a working knowledge of psychophysics and signal detection theory.	Objective or subjective exam items
Demonstrate an understanding of the basic mechanisms of perceptual constancy in three dimensional objects.	Objective or subjective exam items
Describe and use gestalt grouping principles in applied tasks.	Assignment
Demonstrate the skills needed to create stereoscopic images.	Assignment
Recognize and use monocular depth perception (spatial) cues in applied tasks.	In class assignment

GENERAL EDUCATION LEARNING OUTCOMES/ASSESSMENT METHODS

LEARNING OUTCOMES	ASSESSMENT
KNOWLEDGE: Develop an introductory knowledge of psychology methodology and concepts	Exam items, assignments, in-class discussion, in-class activities
SKILLS: Develop and use the tools needed for communication, analysis and productive work	Exam items, assignments, in-class discussion, in-class activities
INTEGRATION: Work productively within and across disciplines	Exam items, assignments, in-class discussion, in-class activities
VALUES, ETHICS, AND RELATIONSHIPS: Understand and apply values, ethics, and diverse perspectives in personal, civic, and cultural/global domains	Exam items, assignments, in-class discussion, in-class activities

ASSIGNMENTS and other course requirements. Please note there are no make-up exams, no extra credit projects no exceptions.

Item	Points	Weight
Best of 3 exam average	30 points each	90.00%
Participation	10 points	10.00%
Total		100%

METHOD OF GRADING

New York City College of Technology's official grading scale will be used: 93-100% (A), 90-92.9% (A-), 87-89.9% (B+), 83-86.9% (B), 80-82.9% (B-), 77-79.9% (C+), 70-76.9% (C), 60-69.9% (D), 59.9% and below (F).

CUNY Policy on Academic Integrity Policy:

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic dishonesty is prohibited in The City University of New York and at New York City College of Technology and is punishable by penalties, including failing grades, suspension, and expulsion.

Please be aware that CUNY's revised policy on Academic Integrity went into effect on July 1 2011.

- 1.As required by the Policy, the College will implement the full use of an electronic plagiarism detection device.
2. There are additional due process protections for students in some circumstances.
- 3.The procedure now requires faculty to report, using the official form, any incident of academic dishonesty that is serious enough to affect a student's final grade.
- 4.In cases where there is a "substantial" violation, the College Academic Integrity Officer is directed to seek disciplinary sanctions, as well as academic sanctions. Students enrolled in programs leading to professional licensure should be aware that **ANY** violation on their part may be considered a substantial violation.

The complete policy is posted on the website at

http://www.citytech.cuny.edu/aboutus/docs/policies/CUNY_ACADEMIC_INTEGRITY_6-2011.pdf

Any occurrence of academic dishonesty, such as cheating or plagiarism will result a failing grade. In addition, the incident will be reported to the Academic Integrity Committee.

This course fulfills the LAA/LAS Associate Capstone requirement, though it can also be taken for other requirements and electives. The City Tech LAA/LAS Associate Capstone is designed for students entering their second year in the program. LAA/LAS Associate Capstone courses are meant to prepare students to continue their studies in a bachelor's degree, third-year, or junior, level. In addition, Associate Capstone courses are meant to help students develop an awareness of the importance of knowledge, values and skills developed in general education courses; and to integrate this knowledge, these values and these skills into their advanced academic study and professional careers. Please ask the instructor if you have any questions about what the LAA/LAS Associate Capstone requirement entails.

COLLEGE POLICY ON ABSENCE/LATENESS

A student may be absent without penalty for 10% of the number of scheduled class meetings during the semester as follows:

Class Meets	Allowable Absence
1 time/week	2 classes

Students who are absent for more than 10% of the hours the course meets are subject to a designation of WU (unofficial withdrawal with penalty) rather than a final grade.

Please turn your phones off before class starts. Audio/ Video Recording during class is not permitted.

There is **no** eating and drinking allowed inside the M302 Classroom.

BIBLIOGRAPHY

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