

Instructor : Aaron Montgomery
Office Hours : TTh @ 2:00-2:50
Email : montgoaa@cwu.edu **Phone** : 963-1906

Course Outcomes:

Students at the end of this course will be able to...

- describe different ways that mathematics is used when playing and/or constructing board games
- describe different board game mechanisms and their associated mathematical features: tiling, symmetry, complexity, game theory, coding theory, logical deduction, graph theory, probability, Markov processes, statistics, auctions, simulation.

Graded Coursework:

Homework (90 points): Weekly homework assignments will be assigned and are due to me by 11:59 pm on the due date. Each homework assignment will be worth 10 points, one homework score (the lowest) will be dropped and your final grade will be based on the percentage of points earned.

$\geq 87\%$	B+		$\geq 93\%$	A		$\geq 90\%$	A-
$\geq 77\%$	C+		$\geq 83\%$	B		$\geq 80\%$	B-
$\geq 67\%$	D+		$\geq 73\%$	C		$\geq 70\%$	C-
			$\geq 63\%$	D		$\geq 60\%$	D-

Accommodations

Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Disability Services is located in Hogue 126. Call (509) 963-2214 or email ds@cwu.edu for more information.

In compliance with RCW 28B.137.010, Central Washington University makes every effort to deal reasonably and fairly with students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Students must present written notice to their instructor within the first two weeks of class listing the specific dates on which accommodations are required. Contact the Dean of Student Success at (509) 963-1515 for further information or questions.