



# STEMPOWER DAY 2024 SCHEDULE OF HOURLY SESSIONS

SESSION	LOCATION
<b>10 A.M. SESSIONS (10–10:40 a.m.)</b>	
<b>Cards to the Sky</b> <i>Presented by Tim Muth and Dr. Chris Sonnenberg</i>	Crawford, 220
<b>Mind Games: Using Brainwaves to Play Video Games</b> <b>H</b> <i>Presented by Dr. Scott Gustafson &amp; Dr. Vida Tyc</i>	Crawford, 403
<b>How to Use a Computer to Acquire Data</b> <b>H</b> <i>Presented by Dr. Jim Brenner</i>	Crawford, 111
<b>Quantum Computing for K–12 Students</b> <i>Presented by Dr. Naveed Mahmud</i>	Crawford, 404
<b>Worlds Beyond the Solar System: The Gift of Exoplanetary Science</b> <b>M</b> <i>Presented by Dr. Howard Chen</i>	Crawford, 210
<b>Amazon Prime's "The College Tour" + Q&amp;A</b> <i>Presented by Florida Tech President's Ambassadors</i>	Crawford, 112
<b>Drone Zone</b> <i>Presented by Dr. Vivek Sharma (with Drone Club)</i>	Skurla, 110
<b>Plane and Simple Fun</b> <i>Presented by Dr. Brooke Wheeler</i>	Skurla, 116
<b>11 A.M. SESSIONS (11–11:40 a.m.)</b>	
<b>Admissions Presentation</b> <b>H</b> <i>Presented by Florida Tech Admissions</i>	Evans Library, P133
<b>Cards to the Sky</b> <i>Presented by Tim Muth and Dr. Chris Sonnenberg</i>	Crawford, 220
<b>Criminal Motivation: So You Think You Want To Be a Profiler?</b> <b>M</b> <i>Presented by Dr. Julie Costopoulos</i>	Crawford, 401
<b>How to Use a Computer to Acquire Data</b> <b>H</b> <i>Presented by Dr. Jim Brenner</i>	Crawford, 111
<b>Teach a Robot to Swim—Ocean Robotics</b> <i>Presented by Dr. Stephen Wood</i>	Crawford, 212
<b>Computer Science Inside Out</b> <b>H</b> <i>Presented by Dr. Philip Chan</i>	Crawford, 230
<b>Amazon Prime's "The College Tour" + Q&amp;A</b> <i>Presented by Florida Tech President's Ambassadors</i>	Crawford, 112
<b>Drone Zone</b> <i>Presented by Dr. Vivek Sharma (with Drone Club)</i>	Skurla, 110
<b>Plane and Simple Fun</b> <i>Presented by Dr. Brooke Wheeler</i>	Skurla, 116
<b>NOON SESSIONS (Noon–12:40 p.m.)</b>	
<b>Admissions Presentation</b> <b>H</b> <i>Presented by Florida Tech Admissions</i>	Evans Library, P133
<b>What the Tech! The Psychological Science of Human-AI Teams</b> <b>H</b> <i>Presented by Dr. Jessica Wildman</i>	Crawford, 403
<b>How to Use a Computer to Acquire Data</b> <b>H</b> <i>Presented by Dr. Jim Brenner</i>	Crawford, 111
<b>Hands-On Aquaculture</b> <b>H</b> <i>Presented by Dr. Ralph Turingan</i>	Crawford, 220

SESSION	LOCATION
<b>NOON SESSIONS CONTINUED (Noon–12:40 p.m.)</b>	
<b>First Stars, Furthest Stars, and the End of the Cosmic Dark Age</b> <b>M</b> <i>Presented by Dr. Don Warren</i>	Crawford, 404
<b>Teaching Animals Skills Using Applied Behavior Analysis</b> <b>E</b> <i>Presented by Dr. David Wilder</i>	Crawford, 210
<b>Amazon Prime's "The College Tour" + Q&amp;A</b> <i>Presented by Florida Tech President's Ambassadors</i>	Crawford, 112
<b>Drone Zone</b> <i>Presented by Dr. Vivek Sharma (with Drone Club)</i>	Skurla, 110
<b>Plane and Simple Fun</b> <i>Presented by Dr. Brooke Wheeler</i>	Skurla, 116
<b>1 P.M. SESSIONS (1–1:40 p.m.)</b>	
<b>Admissions Presentation</b> <b>H</b> <i>Presented by Florida Tech Admissions</i>	Evans Library, P133
<b>The Interrogation Room! The Science of Police Questioning</b> <b>M</b> <i>Presented by Dr. Travis Conratt &amp; Dr. Brandon May</i>	Crawford, 230
<b>How to Use a Computer to Acquire Data</b> <b>H</b> <i>Presented by Dr. Jim Brenner</i>	Crawford, 111
<b>What Do Your Brainwaves Look Like? Come See Your Brain in Action!</b> <b>E</b> <i>Presented by Dr. Sujoy Hajra &amp; Dr. Careesa Liu</i>	Crawford, 401
<b>SNAP Circuits</b> <b>E</b> <i>Presented by Dr. Juan Avendano</i>	Crawford, 220
<b>Amazon Prime's "The College Tour" + Q&amp;A</b> <i>Presented by Florida Tech President's Ambassadors</i>	Crawford, 112
<b>Drone Zone</b> <i>Presented by Dr. Vivek Sharma (with Drone Club)</i>	Skurla, 110
<b>Plane and Simple Fun</b> <i>Presented by Dr. Brooke Wheeler</i>	Skurla, 116
<b>2 P.M. SESSIONS (2–2:40 p.m.)</b>	
<b>How to Use a Computer to Acquire Data</b> <b>H</b> <i>Presented by Dr. Jim Brenner</i>	Crawford, 111
<b>Groundbreaking Discovery Soil Tested in a Minute</b> <b>H</b> <i>Presented by Dr. Paul Cosentino</i>	Crawford Green
<b>Fluid Mechanics of Tomato Ketchup</b> <b>M</b> <i>Presented by Dr. Darshan Pahinkar</i>	Crawford, 210
<b>The Magic of Chemistry</b> <b>E</b> <i>Presented by Dr. Nasri Nesnas</i>	Crawford, 212
<b>SNAP Circuits</b> <b>E</b> <i>Presented by Dr. Juan Avendano</i>	Crawford, 220
<b>Taste and See</b> <b>E</b> <i>Presented by Dr. Chris Bashur &amp; Dr. Stephen Smith</i>	Crawford, 403 & 404
<b>Amazon Prime's "The College Tour" + Q&amp;A</b> <i>Presented by Florida Tech President's Ambassadors</i>	Crawford, 112
<b>Drone Zone</b> <i>Presented by Dr. Vivek Sharma (with Drone Club)</i>	Skurla, 110
<b>Plane and Simple Fun</b> <i>Presented by Dr. Brooke Wheeler</i>	Skurla, 116

Legend (Lowest Grades Recommended): **E** 3rd–5th | **M** 6th–8th | **H** 9th–12th