PROGRAM SCHEDULE

2:15 PM to 2:55 PM – Students get ready for their poster presentation
2:30 PM to 3:00 PM – Check-in and registration
3:00 PM – Dr. Mark Tumeo, CCEC Dean will kick off the event
3:00 PM to 6:00 PM – Attendees view posters and provide feedback
6:00 PM to 6:30 PM – Event closing and announcement of symposium winners

During the event, each attendee (expect presenters) will receive **200 UNF e-Dollars** to invest on posters that are award-worthy. Each table will have a QR Code associated with a poster. Attendees can cast their investments by reading the QR and entering investment amount and voters ID. Posters that receive the highest number of investments will be announced as the symposium winners. Please refer to **the voting instructions sheet** for more information on how to vote for a poster.

Light Refreshments and Drinks will be served.
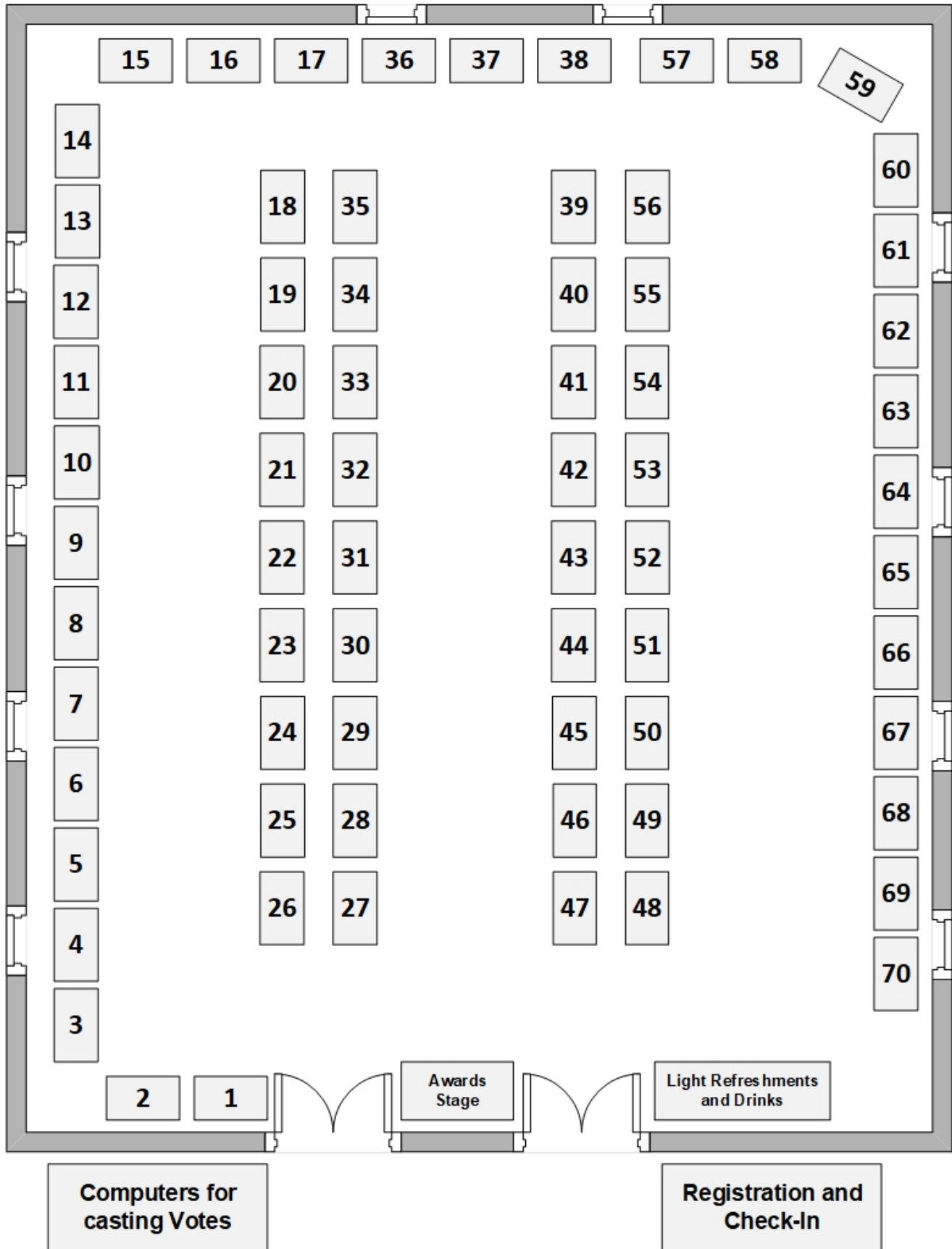
Poster Presentations (3:00 PM to 6:00 PM)

No.	Poster Title	Presenters
CIS 4328 – IS Senior Project II		**Instructor: Dr. Karthikeyan Umapathy**
1.	Course Planning & Advising Tool (CPAT)	Madison Gourde, Reggie Jackson, Logan Sirdevan, and Wesley Tucker
2.	Five Star Veterans Center Residence Information Management System	Frank Butler, Tytus Hamilton, and David Thompson
3.	Quarterly Employment Report Dashboard	Andrew Hall, Ali Amin, Chelsea Saffold, and Christian Wilson
4.	Hubbard House Data Analysis Dashboard	Dustin Go, Dorian Johnson, James Smith, and Elizabeth Thompson
5.	Cornerstone SEA Management System Application	David Akins, Xhensila-Jenny Gjika, and Kevin Serrano
6.	City Year JAX Impact Dashboard	Dorothy Charpentier, Chloe Cruz, and Wafaa Safar
7.	The DePaul School Alumni Outreach System	Kevin Bell, Andrew Greer, Stephen Hartman, and Lindsey Wanta
8.	Child Guidance Center Christmas Drive App	Ryan Aft, and Christian Diaz
9.	ElderSource Volunteer Management System	Tyrone Arthurs, and Rishav Sarangi
10.	JPEF School Viewer	Jon-Michael Gyland, Lorenzo Jenkins, Shannon Powell, and Tim Tuite
11.	Yoga 4 Change Tracking Management System	Katie Grubbs, Hinal Pandya, Cindy Pham, and Matthew Ramsay
12.	ECS Employees Professional Development Tracking System	Michael Dimmitt, Austin Dolby, Chris Kingdon, and Jerrad Monagan

No.	Poster Title	Presenters
13.	ElderSource Volunteer Management System	Stephen Waldron

COP 3855 – Web Systems Development		Instructor: Dr. Karthikeyan Umapathy
14.	39 Canine	John Amiel Bueser, Jacob Grubbs, Kristen Wankowski, and Yanling Zhang
15.	Argus Capital	Myisha Kinberg-Cowan, Alec Rance, and Laura Young
16.	Merchant Might	Matthew Campbell, Nahjani Rhymer, and Rodneisha Williams
17.	Crypto Decrypted: The Platform for Bitcoin Enthusiasts	Rabia Ali, Diego Herrada, Darnell Lemons, and William Milligan
18.	Innostaa: The Book Subscription Service	Karla Clifford, Kristina Huston, Jake Matson, and Noah Sterling
19.	Time Saver Taxes.com	Ty Hak, Robert Leone, Timothy Marin, and Devany Wellman
20.	Micro Market Technologies	Justin Gilmore, Christopher Johnson, Daniel Lee, and Mahmood Subhi
21.	Gopher Internship Online Recruiting	Connor Ackerman, Peter Petrucci, Morgan Sturtz, and Hika Workneh
22.	Fluently: A Language Learning Service	Peabo Barrera, Shrunga Mangalvedkar, and David Munera
23.	XpertLLC: Game Licensing Service	Kyle DuBrava, Brandon Kittridge, and Bao Nguyen

CIS 3253 – Legal and Ethical Issues in Computing		Instructor: Mr. Jim Littleton
24.	3D Investigators	Collin Bray and Grayson Mefford
25.	Applicant Screening Using Social Media	Michael Edwards, Joshua Johnston, Alec Rance, Kristen Wankowski, and Yanling Zhang
26.	Legal and Ethical Issues in Artificial Intelligence	Jessica Blake, Gabriel Pridham, Samuel Schwartz, and Ryan Swain
27.	Intelligent Personal Assistants	Ian Lor, Mahmood Subhi, and Joseph Terrell
28.	National Data Collection and Surveillance	Honya Elfayoumy, Craig Frazier, and Aaron Vandermolen
29.	Transportation Sharing Economies	Kyle DuBrava
30.	How have tech start-ups ethically impacted the Hospitality market?	Adam Dougherty, Ramon Inisin, and Kevin Mea
31.	The Rise of Social Media	Jace Mulholland, and Sonya Yasin
32.	Wearable Technology	Troy Bogle, Daniel Cassel, Jenny Herard, Clay Jackson, and Seth Johnson
33.	Big Data	Charissa Lorraine De Chavez, and Stephen Sisley

CEN 6036 – Web Engineering		Instructor: Dr. Karthikeyan Umapathy
34.	Archivation - Object Relational Mapping	Ethi Pahuja, Rohini Nair, and Srushti Tummala
35.	Enter the World of CMS	Mohammed Salman Khan, Samuel Matloob, Jayalakshmi Raman,
36.	Architecture Case Study Project For CRM Systems	Samin Faisal and Jeevan Pandey

No.	Poster Title	Presenters
CIS 6302 – Distributed and Internet Systems		**Instructor: Dr. Sanjay Ahuja**
37.	NoSQL Databases and Distributed Memory Caching	Bradley Boman
38.	Cloud Computing for Machine Learning	Jayalakshmi Raman
39.	Microservices and Containerization	Jeremy Futral
40.	Blockchain and IoT: Opportunities and Challenges	Nathan Wheeler
Research Projects		
41.	IoT – Fog – Cloud Architecture for A Real-World App	Nathan Wheeler (Advisor: Dr. Sanjay Ahuja)
42.	NASA SUITS Design Challenge	Richard Lentz (Advisor: Dr. Ching-Hua Chuan)
43.	DateRec: A Complete Date Parser	Jeevan Pandey (Advisors: Dr. Reddivari, Liu, and Umapathy)
CNT 4514C – Wireless Networks and Mobile Computing		**Instructor: Dr. Zornitza Prodanoff**
44.	WiMax: Past and Future Applications	Troy Bogle, Andrew Greer, Stephen Hartman, and Seth Johnson
45.	Mobile Hotspots in Transportation and Travel	Patrcik Franza, Nicholas Ierna, and Ian Parlor
46.	Overview of WiFi HaLow	Cameron Alexander, Jason Harkins, Sheila Marcos, and Joseph Terrell
47.	Usage of Low Frequency RFID in Animal Tracking	Bryan Johnson, Joshua Murray, Davensly Dugar, Aaron Eiginger, and Eduardo Santana
48.	The Future of HD Radio and Its Global Implementation	Zachary Marcus, Carlos Siguenza, Anthony Criscuolo, and Peter Nguyen
49.	NFC Defense and Security Issues	Bishuai Dong and Christopher Deroma
50.	Ultra High Frequency RFID	Mike Rettew, William Mejia, Matthew Waroff, and Abdulkerim Lamptey
51.	Bluetooth Low Energy Overview	Vance Macdonald, Paul Skicewicz, and Jacob Stern
52.	5G: The Future of Mobile and Wireless Technology	Allam Lim and Matthew Lopez
53.	Bluetooth Low Energy: Current Security Standards	Ernst Alcime, Bradley Cote, and Collin Parish
54.	LiFi: The Next Ubiquitous Tech	Brandon DeCrescenzo, Reggie Jackson, Matthew Lopes, and Caleb Routh
55.	Contactless Payment Security Standards	Adam Lebanoff, Jason Smith, Jeff Waag, and Austin Neveau
COT 4461 / MAD 4505 – Computational Biology / Discrete Biomathematics		**Instructor: Dr. Daniela Genova**
56.	k-Colorability and Computing with DNA Nano-Objects	Nicole Cataland and Joshua Inman
57.	Splicing and Biomolecular Automata	Gabrielle Coker, Abigail Foreman, Alex Geer, and Ben Thiemann
CIS / EEL 4930 – Cybersecurity Systems		**Instructor: Drs. Pat Kreidl and Swapnoneel Roy**
58.	Vehicle Hacking and Countermeasures	Ernst Alcime, Brittany Garwood, Caleb Routh, and Kristine Strong
59.	Using Bootable Tools to Bypass Windows Passwords	Jason Harkins, Ian Paylor, Jared Stiles, and Jeffrey Waag

No.	Poster Title	Presenters
60.	Password Cracking, Hacking and Security	Dustin Bilodeau, Honya Elfayoumy, Matthew Lopez, and Collin Parrish
61.	Crypto-Currency: Blockchains, Mining and Security	Edward Alvey, Andrew Armour, Davensly Dugar, and Carlos Siguenza

CEN 6017 – Engineering of Software II **Instructor: Dr. Sandeep Reddivari**

No.	Poster Title	Presenters
62.	Irma Source Code Visualization	Samuel Matloob, and Charlotte Morrison
63.	T-Reqs: A Requirements Tracking Application	Jeevan Pandey, Jayalakshmi Raman, and Tata Nagalohitha

CEN 4010 – Software Engineering **Instructor: Dr. Sandeep Reddivari**

No.	Poster Title	Presenters
64.	Fairy Tale Odyssey	Eric Davis, Lydia Washington, Cina Kim, Brennan Ledbetter, and Kevan Johnston
65.	Optical Character Recognition Webapp	Brandon Tarverdi, Aaron Dahlin, and Christian Herreros
66.	Saving Estuaries Through Software Development	Michael Carone, Marian Snyder, Alexander Wills, Patrick Martin, and Ahmed Sehic
67.	Environmental Awareness Game System Integration	Joseph Collins, Randy Jackson, and Tyler Coverstone
68.	Osprey Instant Messenger	Austin Neveau, Joshua Hasty, Michelle Danese, William Perley, and Ronald Slater
69.	UNF Symposium WebApp	Salim Zubair, Sotiri Kolvani, Adrian Santos, Camron Conway, and Michael Vasquez
70.	Open Pantry	Alexander Geer, Michael Turner, Samuel Harris, Thomas Ward, and Kyle Gray

Poster Table Layout

Parking Details

Adam W. Herbert University Center
12000 Alumni Drive
Jacksonville, FL 32224 - 2678

The University Center offers complimentary parking to all event attendees. You can find driving instructions at
http://www.unf.edu/universitycenter/Map_and_Directions.aspx