

ST. CLOUD STATE UNIVERSITY FIFTY-SECOND ANNUAL MATHEMATICS CONTEST

April 4, 2019

St. Cloud State University students who are **University Ambassadors** will be available to provide directions.

Link to Math Contest Program: <http://www.stcloudstate.edu/mathstat/files/documents/MathContestActivities.pdf>

Link to SCSU campus map: <http://www.stcloudstate.edu/campusmap/documents/buildings.pdf>

OR google SCSU Math Contest

ACTIVITIES 10:45 am – 1:15 pm

ATWOOD CENTER

Alumni Room: Register for the HUSKY SELFIE SCAVENGER HUNT – open to individuals or groups.
First Selfie Station in the Alumni Room. Get the list of the other Selfie Stations around campus.
The **SCSU Office of Admissions** will provide information and answer your questions.

HUSKY SELFIE SCAVENGER HUNT



SELFIE STATIONS AROUND CAMPUS

Tweet your **'SELFIES'** to **#SCSUMath2019**

You could WIN a Husky Prize!

The more selfies you have, the better your chances of winning.



Scan the barcode to see all the *Husky Selfies*,

or visit <https://scsu.mn/2019mathcontest-twitter>

Tweet selfies from anywhere for fun even if you didn't register.

ATWOOD CENTER

Main Floor: See the world with SCSU! The **Education Abroad Office - Center for International Studies** will provide information and answer questions about **STUDY ABROAD** opportunities from 10:30 am – 1:30 pm. As a SCSU student, you can take classes in another country for a couple of weeks, a semester, or an entire year.

Learn about opportunities available through **Pre-College Programs'** summer residential Math-Science-Computer Camps and the Advanced Program in Technology and Science for students in grades three through eleven.

Lower Level: **THE UNDERGROUND**, basement of Atwood Center, will be open from 10:00 am – 1:15 pm.
Bowling, billiards and table tennis are available with low hourly rates.

CENTENNIAL HALL

First Floor: Stop by the **Husky Bookstore**, just inside the main entrance. Math contest participants receive 10% off on any SCSU clothing or gift item. Please tell a cashier that you are a math contest participant. The Husky Bookstore is open from 8 am to 6 pm.

EDUCATION BUILDING

Second Floor: Immerse yourself in Chinese culture and take a selfie with a Terracotta Warrior at the **Confucius Institute**,
EB B215 anytime between 10:45 am and 1:15 pm.

HALENBECK HALL The **Department of Campus Recreation** will provide recreation in the gymnasium.

HEADLEY HALL

First Floor: Use a **Laser Cutter** and build a cardboard 3D model of a cell phone holder AND try your hand using a **Virtual Welder**.
HH 116 & 114 Visit anytime between 10:45 am and 1:15 pm. Room for 20 students at a time.

Second Floor: **CAD drawings and 3D printing:** Discover 3D CAD drawing; Learn about 3D printing and rapid prototype machines!
HH 212 Three 30 minute sessions: 11:00 am, 11:45 am and 12:30 pm. Each session has room for 20 students.

HERB BROOKS NATIONAL HOCKEY CENTER Open Skating at the Herb Brooks National Hockey Center!

Take a few laps around the same ice our very own St. Cloud State Huskies play their games on!
Open skate will be from noon to 1:15 pm. No skates? No problem! Rent ice skates at the rink for \$1.00.
Enter the arena through the North doors at the "Student Entry".

ISELF

First Floor: Selfie with **Blizzard!** Meet Blizzard, the fun-loving Husky mascot! Get your group together for a Blizzard photo shoot.

ISELF 101 Hands-on demonstration of SCSU's new multi-user **Visualization and Simulation** development spaces in two locations.
and Experience the unique collaborative nature of the lab first-hand and experiment with all its cutting-edge technology!
Basement: Visit anytime between 10:45 am and 1:15 pm. Room for 24 students at a time in each location.
ISELF 17

Miller Center

Second Floor: **University Library's** collection of **Tabletop Games** will be available from 10:30 am to 1:30 pm. Come challenge your friends to Giant Jenga, Pandemic, Munchkin Loot Letter, Star Wars Risk, Chupacabra, CodeNames or many other options.
MC 218 **Smartphone / tablet charging stations** will also be available.

RESIDENCE HALLS

Mitchell Hall 116 All participants in the Math Contest are invited to stop in at *116 Mitchell Hall* to see a **display room** and visit with staff.
Open 11:00 am – 1:15 pm.

ROBERT H. WICK SCIENCE BUILDING

Basement:

WSB 20 **Streams in Action** - Visit the **Wet Lab** to play with water and witness its awesome power!
Three 30 minute sessions: 11:00 am, 11:45 am and 12:30 pm. Each session has room for 12 students.

WSB 24 The **Planetarium** will feature the show "*Are We Alone?*"
Current research tells us that there is on average one planet for every star in our galaxy....that's 200 billion planets! Even more exciting, 1 out of every 5 of those planets are thought to be Earth-like. Exciting examples include: "The Magnificent Seven", a system of seven Earth-like planets orbiting around a single star, called TRAPPIST-1...(at least three of those planets are very likely to have liquid water on the surface); and "Proxima b", an Earth-like planet going around the closest star to Earth, only 4 light years away! New NASA missions like TESS and JWST launching Spring 2018 and 2019 will likely yield incredible new discoveries...possibly even find extraterrestrial life!

There will be three showings: 11:00 am, 11:45 am and 12:30 pm. Each show is scheduled for 35 minutes.

Pick up your entry ticket by the Planetarium doors. Capacity is 60 persons per show.

Please wait for the planetarium doors to open – the equipment is very sensitive.

First Floor: **Changing weather, changing seasons** – Visit the Weather Center to experience weather events throughout the year!
WSB 103 Three 30 minute sessions: 11:00 am, 11:45 am and 12:30 pm. Each session has room for 12 students.

WSB 122A **Augmented Reality Sandbox** – Fun with gradients and contours!
Three 30 minute sessions: 11:00 am, 11:45 am and 12:30 pm. Each session has room for 10 students.

STEWART HALL

Lower Level: The **campus radio station** will offer *tours* at 10:45 am, 11:00 am, and 11:30 am. Limited to 12 persons per group.
KVSC-FM Tour the station, including the multi-track studio and possibly the opportunity to be recorded for later use at the station.
Room 41B *(From the front entrance go straight down the hall, take the stairway down on your left, turn left and go all the way down the hall.)*

First Floor: The Emmy-Award winning **campus television station** will offer *tours* at 10:45 am, 11:00 am, and 11:30 am. Limited to 12 persons per group. Tour the newsroom and talk to SCSU student journalists about their on-air and production experience.
SH 123
UTVS

Second Floor: **Anthropology** will offer the following activities from 11:00 am -12:15 pm. Students can arrive at any time during that period to try one, a few, or all of these hands-on activity stations:
SH 205

1. *Excavation Race*: Teams go head to head to see who can use their mathematical and archaeological skills to set up their excavation unit fastest. Accuracy counts!
2. *Reconstruct a Crime*: Use your best forensic anthropological skills to solve this gruesome mystery.
3. *Artifact Analysis*: Apply your knowledge of how things work to interpret ancient artifacts.
4. *Meet the Family*: Extract blood from stone to create a family tree of ancient and modern humans.
5. *You are what you Eat*: Analyze the teeth of humans, human ancestors, and primate relatives and predict their diets.

LUNCHEON

11:00 am – 1:00 pm

For students with Garvey lunch tickets: **Cafeteria lunch will be available in Garvey Commons.**

Students without tickets are welcome to buy food at one of **Atwood Center's** many food vendors or to bring a lunch and eat in the **Glacier Room** on the second floor of the Atwood Center.

AWARDS CEREMONIES

7th and 8th Grades* 1:35 pm Halenbeck Hall Gymnasium

*Students should be seated by 1:20 pm for this award ceremony. Some groups may need to be seated on the floor.

9th and 10th Grades 1:35 pm Atwood Ballroom

11th and 12th Grades 1:35 pm Voyageurs Room in Atwood Center

NOTE: FOOD AND/OR BEVERAGES ARE NOT ALLOWED IN ANY AWARD CEREMONY.