#Hour of Code

at South Seattle College
Mission

We are here to bring coding to everyone on campus. Our goal is to make coding easy to learn, fun, and accessible.

We hope to get students excited about computer science, as well as encourage continued learning and interest in computer programming regardless of major.
#Hour Of Code

**Web Edition**

Learn how to make your own website!
This club is designed for beginners, but all levels are welcome.

Check out our blog for more info:
[hourofodescc.wordpress.com](http://hourofodescc.wordpress.com)

South Seattle College does not discriminate against individuals on the basis of race, color, sex, gender identity, sexual orientation, age, disability, status, religion, honorably discharged veteran or military status, or sexual orientation.

If you need accommodations for a disability for this event, please contact Disability Support Services at (206) 904 6640

**Thursdays LIB 217 1-2pm**

Jan 12, 19, 26
Feb 2, 9, 16, 23

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**Welcome**

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**Recent Posts**

- JavaScript Project – Color Changing Clock
- #HOC 2/2/17 – HTML Project and Javascript Variables
- Session #6 (Jan 26) Starting Code
- WOMEN IN TECH SERIES: SECRETS FROM HIRING MANAGERS & RECRUITERS – Feb 16th 2017
What is #Hour Of Code?

- Club meets in a computer lab once a week, and is open to all students on campus
- New coding demonstration presented each week by one of the student leaders
- Each year a student majoring in Computer Science (or related) volunteers to lead the club
- If possible more than one volunteer is preferred for a collaborative leadership experience
- Hundreds of students have attended the club over the last 4 years
- Sponsored by the WinSTEM (Women In STEM) club
Why #Hour of Code?

- Everyone uses computers in modern society, very few people know how computers work
- Excellent learning opportunity for student leaders
- Creates a community that enriches campus life for students
//STEP 1
/*Set up primary function and variables*/
$(document).ready(function(){
  function displayTime(){
  /*The currentTiem variable will take the current date/time/seconds from your computer's clock, so if your
  computer's time is wrong the time in this clock will be wrong.*/
  var currentTime = new Date();
  /*These variables store just the hours, minutes, & secs from our currentTime*/
  var hours = currentTime.getHours();
  var minutes = currentTime.getMinutes();
  var seconds = currentTime.getSeconds();
  /*More colors = more fun*/
  var colors = ["#ff0000","#003399","#66ff66","#ff6600","#9900cc","#666699"];
  //STEP 2
  /*Setting up the clock*/
  var meridiem = "AM";
  if (hours > 12){
    hours = hours - 12;
    meridiem = "PM";
  }
  if (hours == 0){
    hours = 12;
  }
  /*If the seconds are single digit (0 - 9)*/
  if (seconds < 10){
    //Then put a zero in front
    seconds = "0" + seconds;
  }
})}
Gains

- Student outreach to encourage interest in Computer Science, especially for underrepresented groups in technology (women and minorities)

- Increase in students taking Computer Science classes

- Inclusive and safe peer-lead learning environment
Challenges

- Finding a balance of challenging, yet accessible coding demonstrations
- Transient audience, cannot have projects that rely on previously learned topics
- Marketing and advertising for the club (getting the word out)
- Finding future student leaders
Opportunities

- Hacker Capture The Flag
- Local Coding Challenges
- Hackathons
- Guest speakers
- Git and GitHub
- Conferences
Thank you for your time!

Questions?