# Autumn 2016 UW Tacoma CTC Meeting

Meeting Minutes compiled by Troy Hashagen and edited by Menaka Abraham

## Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation &amp; Teaching Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menaka Abraham</td>
<td>UWT (Software Engineering, Machine Organization, Mobile Apps)</td>
</tr>
<tr>
<td>Tina Ostrander</td>
<td>Green River CC (JavaScript/ Agile)</td>
</tr>
<tr>
<td>Joe Shannon</td>
<td>TCC Dean of Math &amp; Sciences</td>
</tr>
<tr>
<td>Troy Hashagen</td>
<td>SAMi (Exp CS, AP CS A, Robotics/ Arduino)</td>
</tr>
<tr>
<td>Beth Jeffrey</td>
<td>UWT Institute Advisor</td>
</tr>
<tr>
<td>Mohamed Zerrouki</td>
<td>Renton Technical College (C# and Database design)</td>
</tr>
<tr>
<td>Ingrid Horokova</td>
<td>UWT (Discrete Math)</td>
</tr>
<tr>
<td>Charles Bryan</td>
<td>UWT (TCSS 305, Mobile Apps)</td>
</tr>
<tr>
<td>Dave Strayer</td>
<td>TCC- 142/143</td>
</tr>
<tr>
<td>Sean Moran</td>
<td>Pierce College (Puyallup) Business Tech, Database, Python, Java</td>
</tr>
<tr>
<td>Martin Hock</td>
<td>TCC 142</td>
</tr>
<tr>
<td>David Ross</td>
<td>UWT Institute Advisor</td>
</tr>
<tr>
<td>Amelia Garripoli</td>
<td>Olympic CC ASP, SQL, PHP, XML</td>
</tr>
<tr>
<td>Michael A. Wood</td>
<td>Green River</td>
</tr>
<tr>
<td>Michael Haensel</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Dan Achman</td>
<td>Bates</td>
</tr>
<tr>
<td>Josh Clearman</td>
<td>Bates</td>
</tr>
<tr>
<td>Raj Katti</td>
<td>UWT Interim Director</td>
</tr>
</tbody>
</table>
Announcements and General Topics

CS Major planning grid

- Large changes
  - Less general education
  - Proposed to replace Statistics with Calc 3 as prerequisite.
  - Adding more math to 300/400 level
  - All with goal of ABET compliance
- 90/140 students admitted to UWT CS
  - Limits are due to faculty and space restrictions
  - Similar for IT

Next Meeting

- Winter: 2/24
  - Topics:
    - Compare CS Principles across campuses
    - Compare CSE 142/143 Curriculum/Syllabus
    - Discuss faculty/ student volunteering at HS level
  - David Strayer to help organize
- Spring: 5/26

New Electrical Engineering Program

- Starting Autumn 2017
- Promotional video
- In May CES Senior Projects displayed
  - Please come see

Club opportunities

- IEEE Electrical and Engineering
- Husky Coding Club
- Cyber Security
- Open to all Community Colleges

Break

DTA (Associate in Comp Sci DTA/MRP)

- Julie Garver (Affiliate with the Council of President for four year institutes)
- Major related pathway
- All public and most WA private have agreed
- Governs agreed upon pre-reqs to enter CS Major
- Planned revision Fall 2017
● All signing institutes committed to honor listed pre-reqs
● Highlights
  ○ 2 quarters of Java fulfills all university’s coding pre-reqs except WSU Tri-Cities
● Desire for more student friendly version
● Proposed idea of a compare table, Senior Project?

Internships

● Green River CC
  ● [http://itconnect.greenrivertech.net/](http://itconnect.greenrivertech.net/)

● Pierce
  ○ Currently working with a Navigator Program
  ○ Good success, but grant driven

● UWT
  ○ Req. for IT but hard to scale and enforce
  ○ Encouraged through career center and professors
  ○ Club opportunities

● TCC
  ○ Currently focused on getting students to 4 year
  ○ Would like to do more

● Olympic CC
  ○ Dress for Success, Career Center, Resume Workshops…
  ○ Faculty encourage

● SAMI (Tacoma SD)
  ○ 90% of SAMI graduates take an internship through Tacoma’s [Next move program](http://www.nextmoveprogram.org/)
  ○ Growing emphasis across Tacoma SD

● Resources
  ○ WA-TECH
  ○ Internship programs
  ○ Post grad opportunities

SAMI-CS

● Science and Math Institute located in Point Defiance
● Working to build a Comp Sci program
● SAMI (Troy Hashagen- [thashag@tacoma.k12.wa.us](mailto:thashag@tacoma.k12.wa.us))
  ○ Exploring Comp Sci
    ■ Problem solving
    ■ Team work
    ■ HTML
    ■ Intro to code
    ■ Intro to robotics
  ○ Exploring Tech
    ■ Intro to CAD
    ■ Intro to App Design
  ○ Robotics
    ■ Intro to Arduinos
- Product Design
  - AP CS A (CSE 142)
    - Following UW Seattle's SCE 142 curriculum
- Stadium (Jacob Elstein- jelstei@tacoma.k12.wa.us)
  - Exploring Comp Sci
    - See above
  - Comp Sci Principles
    - Processing
- Lincoln (Heavenly Cole- hcole@tacoma.k12.wa.us)
  - Exploring Comp Sci
    - See above
  - Game Design
    - Building to CSP
    - Unity, 3JS, GameMaker
  - Code.org’s Comp Sci Principles
    - Internet protocols
    - Code.org’s javaScript tool
- Foss (Paula Yost- pyost@tacoma.k12.wa.us)
  - Exploring Comp Sci
    - See above
  - Computer Repair
  - Code.org’s Comp Sci Principles
    - See above
- Not sure about Wilson’s, IDEA’s or SOTA’s current offerings
- Would love to have Faculty or undergraduate volunteers