Helena College CT Advisory Committee Minutes 11/12/19
In Attendance:
Michael Sweeney-Office of Public Instruction
Robert Finstad-Department of Revenue
Joel Norris-Department of Labor and Industry
Emmett Coon-HC CT department
Byron Steinwand-HC CT department
Mounika Pokuri-HC CT department
Steven Zimmerman-Department of Justice
Laura Vosejpka- Dean
Robyn Kiesling- Department of General Education and Transfer
Melanie Heinitz- Minutes

- **Roundtable feedback and ideas:**
  Multi-Small project Portfolio. Projects from class and community projects part of portfolio.
  Project Based Learning/Real World projects/Simulated Capstone – Scoped outcome
  Job Shadow/Internships/Apprenticeships – Block scheduling could help students fit opportunities into their schedule.
  Block Scheduling
  Group projects, Remote projects, open source projects
  Electives for more specific skills
  Soft skills: interviewing, social interactions, resume development
  - *Students need more help in this area.*
  - *Get students up to the white board.*
  - *Tutoring with trained previous students.*
  Support Services for difficult courses, peer mentors
  Opportunity to learn what programs are really about prior to starting, career testing and interest inventory.
  - *Are the add and drop dates student friendly?*
  - *Tour of the different programs. The Federal Aid program does not let students "try" out a program.*
  - Evening weekday camp for returning adults.
  Create opportunities to combine skill to see how they connect to real world
  - CT Boot Camp class with Content and Job Career Information
  - Mynextmove a Federal Program to inform students of the skills needed for a particular job.
  - Advising is need to educate the student on options.
  - Networking: Skills – begin with a help desk job. Work up the program from the beginning level and slowly advance in the program.
  - Professional Videos: to help explain the program. Students need to hear from those out in the field. Problem solving skills are need in the program.
  - Taking Communication and WRIT 101 were very beneficial, and Tech WRIT: geared to the business or occupation.
  - More connection with industry sooner, so the students can see first-hand the program.

- Students need to know how to work with people. Skills on how to handle conflict. Job interview preparation for the students. Learning skills need smaller training group and shorter periods to produce a project. Teamwork and peer review to find the best way to accomplish a project.
- Language skills and dress skills taught. Dress for professional field. Students should dress the part during presentation.
- Advisory council should take on mentoring as part the advisory council. It could help with hiring later as the mentor could scout for employees.
- Meet and Greet with the students and Advisory Council (networking fair).
- Advisory Council members come and visit the classroom
- The Advisory Council could present on an evening: Peer Review & Resume' Review.

Cybersecurity, Robotics, Business practices, Bring your own device security

- **Block Scheduling for CT**
  - Trades have been doing block scheduling for two years. Exploring this option.
  - Portfolio Concept: how to evaluate the student. The students would have the same amount of contact hours, but the hours would vary.
  - A student trying to earn do two programs would need assisted through one of our partner school.
  - Helena College would like students to achieve all schooling within two years. A block schedule could assist a student with a set work/school schedule. The block schedule will give a student a fast in-depth CT program.
  - Eight-week class options.
  - This program is a fall starting program. Fewer summer classes offered.
- **Associate of Science – Computer Science Transfer - Common Course Numbering – CSCI. How to move forward?**
  - AS Programing side impact: Addition of CSCI data structures and algorithms- learning.
  - Capstone in the last semester. CSCI 205, C++ Course, Discrete Structure, to help assist the students to be a junior at a Montana four year school. The classes overlap, but they will need to have calculus their first semester.
  - Dual Enrollment students could be ready if they were following the pathway ahead of time.
  - Confidence is an issue with students.
- **Any other trends we should be aware of or content that we do not cover that we should?**
  - Certificates assist with work experience. There is a transformation in the two-year system. Students need to list their specific degree on their resume.
- **Anything we are covering that we should stop or reduce scope of coverage.**
  - Palo Alto put money into the high school: CIO-connection for HC CT program.
  - Feedback on adding: Mobil Apps; 132 Basic Data Structures and Algorithms, 232 Data Structures and Algorithms (MSU).
  - ITS 224 Introduction to Linux – industry booming.
  - Cloud computing needs a certification program. Cloud specific programs: training within programs. Application certification