



Academic Standards and Curriculum Review Committee
Minutes

August 14, 2023, via Email

Helena College Mission:

Helena College supports our diverse community by providing the paths and tools necessary to assist learners in achieving their educational and career goals.

- I. Call to Order - meeting via email.
- II. Review of Minutes from Apr. 19, 2023 - **Deferred no review of minutes.**
- III. Old Business:
 - A. Database (Bryon S) - **Deferred**
- IV. New Business:
 - A. IT and P Credential Outcomes.
 - B. Curriculum Forms ASCRC
 - a. Pathway: ServiceNow Administration and Development (CTS) AY2324
 - b. Pathway: Web Design (CTS) AY2324
 - c. Revision to AVMT180
 - d. Revision to AVMT185
 - e. Revision to AVMT187
 - f. Revision to AVMT225
 - g. Revision to AVMT230
 - h. Revision to AVMT235
 - i. Revision to AVMT237
 - j. Revision to AVMT240
 - k. Revision to AVMT245
 - l. Revision to AVMT250
 - m. Revision to AVMT255
 - n. New Course: CSCI291
 - o. New Course: CSCI191
 - p. New Course: MART232

Amy Kong sent the following email on 8.14.2023:

Notes:

The effective term needs to be selected for AVMT 225, AVMT 230, AVMT 250, and AVMT 255.

Motions:

I move to approve the IT and P Credential Outcomes.

I make a motion to bundle all the revisions for the AVMT courses listed in the agenda.

I move to approve "Pathway: ServiceNow Administration and Development (CTS) AY2324".

I move to approve "Pathway: Web Design (CTS) AY2324".
I move to approve the new course CSCI 291.
I move to approve the new course CSCI 191.
I move to approve the new course MART 232.

Della Dubbe sent the following email on 8.14.2023:
I reviewed and will second Amy's motions.

Amy Kong sent the following email on 8.15.2023:
Since Della seconds my motion of bundling all the revisions for the AVMT courses listed in the agenda, I am now moving on to make a motion to approve the bundle.

Derrick Hauer sent the following email on 8.15.2023
I second.

Bryon Steinwand called for a vote 8.16.2023
Bryon will get the effective term corrected with Stephanie Hunthausen.
All voters in favor reply with Yea, opposed with Nay, and abstainers with Abstain.

John Hartman sent the following email on 8.16.2023
Yea

Derrick Hauer sent the following email on 8.16.2023
Yes

Phillip Sawatzki sent the following email on 8.18.2023
Yea

Della Dubbe sent the following email on 8.21.23
Yea

Amy Kong sent the following email on 8.21.23
Yea

Motions to accept as stated in the email, the motions were seconded. All in favor, none opposed, none abstained: motion carried.

- V. Next Meeting - **To be determined by the new ASCRC Chair**
- VI. Adjournment via email
- VII. Addendums
 - A. **The two pathways are last-minute work related to a grant and some work IT and P is doing with the Montana Women's Prison.**
We were awarded the grant, so we definitely need the ServiceNow CTS approved prior to the spring.
New CSCI and MART courses are Special topics courses that will be used for the initial offering of the two new CTS options.
 - B. **Note from Stephanie on items:**
"The following aviation courses are being updated to reflect new FAA standards.

Addendum A.

All options:

- 1 Students will demonstrate knowledge of programming concepts, logic, design, and problemsolving techniques.
- 2 Demonstrate basic information technology skills such as file management, web search, work processing, and spreadsheets.
- 3 Explore career opportunities in the Tech industry and identify pathways to goal attainment.

Software Development

- 4 Write computer programs using Object oriented programming features
- 5 Design, develop and implement database solutions to effectively manage and secure data.
- 6 Develop a project scope while considering factors such as customer requirements, project costs, return on investment, and internal/external business objectives.
- 7 Analyze, evaluate, and implement comprehensive project plans by applying analytical tools, information systems and emerging technologies to improve business processes and eliminate security vulnerabilities.
- 8 Use correct data modeling practices to develop databases designed to support business needs.
- 9 Design, document and implement computer software solutions given definition of a problem and requirements for a solution.
- 10 Work as a team member in a business information system environment to accomplish the goals of a global organization.
- 11 Create safe, reliable, and secure systems free from undefined program behaviors and exploitable vulnerabilities

Cloud DevOps

- 4 Write computer programs using Object oriented programming features.
- 5 Design, develop and implement database solutions to effectively manage and secure data.
- 6 Use correct data modeling practices to develop databases designed to support business needs.
- 7 Work as a team member in a business information system environment to accomplish the goals of a global organization.
- 8 Create safe, reliable, and secure systems free from undefined program behaviors and exploitable vulnerabilities.
- 9 Understand how to effectively work and collaborate with software development and operations teams.
- 10 Deploy, configure and support services in a cloud environment.
- 11 Given a scenario, apply DevOps principles and practices.
- 12 Develop and deploy software defined IT infrastructure.
- 13 Architect and implement virtualized computing platforms.
- 14 Write scripts to automate the deployment and configuration of Virtual, Container, and Cloud Environments.
- 15 Explain the importance of policies, plans and procedures related to organizational security.

Addendum B.

Note from Stephanie on items:

"The following aviation courses are being updated to reflect new FAA standards.

Here is a summary of the changes:

AVMT 180: course description and learning outcomes

AVMT 187: course description

AVMT 225: course description and learning outcomes

AVMT 230: course description and learning outcomes

AVMT 235: learning outcomes

AVMT 237: learning outcomes

AVMT 240: course description and learning outcomes

AVMT 245: course description and learning outcomes

AVMT 255: course description and learning outcomes"