

Comprehensive Program Review Report



Program Review - Ag Management

Program Summary

2021-2022

Prepared by: Shannan Cooper

What are the strengths of your area?: The COS Agriculture Division received the CATA Post-Secondary Program of the Year Award for the 2020-21 academic year.

All Agriculture Business curriculum went through the curriculum approval process to allow for an online delivery teaching mode. All courses were converted from a face-to-face delivery to online delivery to provide access to students during a pandemic year.

To aid in student success and engagement, faculty attended multiple professional development events and workshops to learn how to effectively deliver content remotely, including Zoom hosting, lecture recording, and assessment development for an online environment.

During a pandemic year, success rates improved in two courses, Agriculture Accounting (up 6%) and INtroduction to Agricululture BUusiness (up 4%).

The program continued to connect students with support services during the period of remote instruction, including Career Services, Student Support Services, the Learning Resource Center, the Writing Lab, the Math Lab, and Health Services.

Students have had the ability to actively connect with the agribusiness industry and engage with partner universities through remote leadership conferences and events and industry guest speakers during Zoom sessions.

Ten students achieved 3rd party certification in HACCP processes through the AGMT 201 course in 2020-21.

The program offers an AST, an AS, and a Certificate in Ag Business Management. This gives a number of options to students interested in pursuing a higher education in Agriculture Business.

All courses have assessments entered and all courses have had assessments reviewed and updated per the schedule.

The program has an active advisory of industry and educational partners committed to sharing knowledge and providing input for success.

What improvements are needed?: Improving student engagement outside of the classroom to enhance their education experience after a year of remote learning is a main focus.

Providing students with the opportunity to develop leadership and soft skills through the Ag Business Club, outreach events, leadership conferences, and leadership events.

Helping students engage with employment opportunities through employer engagement events and creating a presence on Linked In.

Success rates went down in three courses during the pandemic- Agriculture Economics, Ag Sales and Marketing, and Ag Computer Applications. This was impacted by the pandemic and emergency withdrawals.

Staying informed of best practices, industry trends and new regulations applicable to course content is important to ensure that courses continue to be as relevant as possible. To achieve this goal it is important for faculty to engage in professional development opportunities.

The program needs to grow enrollment, making sure that future students know the opportunities available to them within Agriculture Business at College of the Sequoias.

Describe any external opportunities or challenges.: Continue to develop and foster relationships with industry through professional development opportunities.

Strengthen our relationship and connection with feeder high school programs to help grow our program. This includes remaining very active in CATA and with the FFA organization, as well as continuing to develop and utilize effective recruiting materials for outreach.

Collaborating with other faculty within the Agriculture Division to share best practices, develop division goals, and brainstorm ways to achieve objectives and best use resources through professional development opportunities.

Overall SLO Achievement: Several courses went through SLO assessments in 2020-21, including AGMT 001, AGMT 103, AGMT 104, and AGMT 108. All courses assessed were successful in achieving the SLOs.

Changes Based on SLO Achievement: Continued work to improve effective teaching strategies has improved the delivery of material in an online format. The courses were assessed during a year of remote instruction due to the pandemic. Helping students access resources and materials to aid in course success was crucial.

Overall PLO Achievement: The PLOs were assessed in 2018-19. They are scheduled for assessment again this coming year.

Changes Based on PLO Achievement: At the time of the last assessment of PLOs there was evidence that improvements in course success rates and course SLOs had led to success in achieving PLOs.

Outcome cycle evaluation: The 3-year evaluation cycle is being met for all SLOs and PLOs. The next evaluation cycle for each course is below:

PLOs for Ag Business Associate of Science for Transfer due 2021-2022

PLOs for Agricultural Business Management Certificate of Achievement due 2021-22

PLOs for Agricultural Business Management Associate of Science due 2021-22

AGMT 201 Fall 2021

AGMT 102 Spring 2022

AGMT 001 Fall 2023

AGMT 103 Fall 2023

AGMT 104 Fall 2023

AGMT 108 Fall 2023

AGMT 005 Spring 2023

AGMT 006 Spring 2023

Action: 2021-22 Student Engagement

Increase student engagement in leadership activities and opportunities for soft skill development.

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Implementation Timeline: 2021 - 2022

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Link Actions to District Objectives

District Objectives: 2021-2025

District Objective 1.1 - The District will increase FTES 2% from 2021 to 2025.

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District Objective 2.1 - Increase the number of students who earn an associate degree or certificate (CTE and non-CTE) by 5% from 2021-2025.

District Objective 2.2 - Increase the number of students who are transfer-ready by 15% and students who transfer to four-year institutions by 10% from 2021-2025.

District Objective 2.4 - Increase the percentage of CTE students who achieve their employment objectives by five percentage points (job closely related to field of study and attainment of a livable wage) and the number of CTE students who successfully complete 9+ CTE units in a single year by 10% from 2021-2025.

District Objective 3.1 - Reduce equity gaps in course success rates across all departments by 40% from 2021-2025.

District Objective 4.2 - Improve communication practices needed to support organizational effectiveness and continuous improvement across all District units and constituents from 2021-2025.

Action: 2021-22 Increase Student Connection to Career Services

Increasing opportunities for students to engage with Career Services to help them be better prepared for employment opportunities.

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Implementation Timeline: 2021 - 2022

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

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Safety/Mandate Explanation:

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District Objective 2.4 - Increase the percentage of CTE students who achieve their employment objectives by five percentage points (job closely related to field of study and attainment of a livable wage) and the number of CTE students who successfully complete 9+ CTE units in a single year by 10% from 2021-2025.

District Objective 3.1 - Reduce equity gaps in course success rates across all departments by 40% from 2021-2025.

District Objective 4.2 - Improve communication practices needed to support organizational effectiveness and continuous improvement across all District units and constituents from 2021-2025.

Action: 2021-22 Social Networking for Employment Opportunities

Help students learn how to utilize Linked In to aid in finding employment opportunities.

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Implementation Timeline: 2021 - 2022

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

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Safety/Mandate Explanation:

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District Objective 2.4 - Increase the percentage of CTE students who achieve their employment objectives by five percentage points (job closely related to field of study and attainment of a livable wage) and the number of CTE students who successfully complete 9+ CTE units in a single year by 10% from 2021-2025.
District Objective 4.2 - Improve communication practices needed to support organizational effectiveness and continuous improvement across all District units and constituents from 2021-2025.

Action: 2020-21 Distance Education

Examine all courses in the ag management program to see if distance education would be an effective delivery option. If so, start the curriculum approval process for the courses to include the distance education addendum.

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Implementation Timeline: 2020 - 2021

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Update on Action
<i>Updates</i>
Update Year: 2021-2022 09/01/2021
Status: Action Completed
All courses were updated to include the distance education addendum to allow courses to be delivered in an online format. Each course successfully went through the curriculum approval process.
Impact on District Objectives/Unit Outcomes (Not Required):

Link Actions to District Objectives

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District Objectives: 2018-2021
District Objective 1.1 - The District will increase FTES by 1.75% over the three years
District Objective 2.1 - Increase the percentage of students who earn an associate degree or certificate (CTE and Non-CTE) by 5 percentage points over three years
District Objective 2.2 - Increase the number of students who transfer to a four-year institution by 10 percent over three years
District Objective 2.4 - By 2021, Increase the percentage of CTE students who achieve their employment objectives by 5 percentage points

Action: 2020-21 Effective Online Teaching Practices

Faculty should complete refresher training in effective online teaching practices. This training could better prepare faculty to effectively teach and deliver content to students in a remote environment.

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Implementation Timeline: 2020 - 2021

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Update on Action
<i>Updates</i>
Update Year: 2021-2022 09/01/2021
Status: Action Completed
The faculty did participate in additional training to improve effective online teaching practices. Some of the specific training included designing Zoom classes to engage hands-on learners and using CTE instructional videos and assessments in the remote environment.
Impact on District Objectives/Unit Outcomes (Not Required):

Link Actions to District Objectives

District Objectives: 2018-2021
District Objective 1.1 - The District will increase FTES by 1.75% over the three years
District Objective 2.1 - Increase the percentage of students who earn an associate degree or certificate (CTE and Non-CTE) by 5 percentage points over three years
District Objective 2.2 - Increase the number of students who transfer to a four-year institution by 10 percent over three years
District Objective 2.4 - By 2021, Increase the percentage of CTE students who achieve their employment objectives by 5 percentage points

Action: 2020-21 Zoom Training

Faculty should seek additional training opportunities and training materials to learn how to effectively use the Zoom software in a remote learning environment.

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Implementation Timeline: 2020 - 2021

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Update on Action

Updates

Update Year: 2021-2022

09/01/2021

Status: Action Completed

The faculty did seek out training opportunities to learn techniques for effective Zoom use. This included working with CSU faculty to learn best practices and attending professional development events to improve engagement in the online environment.

Impact on District Objectives/Unit Outcomes (Not Required):

Link Actions to District Objectives

District Objectives: 2018-2021

District Objective 2.1 - Increase the percentage of students who earn an associate degree or certificate (CTE and Non-CTE) by 5 percentage points over three years

District Objective 2.2 - Increase the number of students who transfer to a four-year institution by 10 percent over three years

District Objective 2.4 - By 2021, Increase the percentage of CTE students who achieve their employment objectives by 5 percentage points

Action: 2020-21 Professional Development

Faculty need to be committed to continued professional development to stay abreast of current industry information and collaborate with other educators to learn best practices. Faculty should seek out and engage in professional development opportunities available in both virtual formats and traditional formats.

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Implementation Timeline: 2020 - 2021

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Update on Action

Updates

Update Year: 2021-2022

09/01/2021

Status: Action Completed

The faculty did participate in many professional development opportunities to learn about trends in the industry and to collaborate with other educators. These opportunities included CATA Summer Conference, the State Ag Ambassador Conference, training on using CTE instructional videos and assessments remotely, designing Zoom classes to engage hands-on

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learners, Mid Winter Conference, the Western Food Safety Summit, Fall Regional Meeting, Fresno State Collaborative Meeting for Ag Business, CCC ACRS Subcommittee, Spring Regional Meeting, and the Salinas Valley Virtual Ag Tech Summit.

Impact on District Objectives/Unit Outcomes (Not Required):

Link Actions to District Objectives

District Objectives: 2018-2021

District Objective 2.2 - Increase the number of students who transfer to a four-year institution by 10 percent over three years

District Objective 2.4 - By 2021, Increase the percentage of CTE students who achieve their employment objectives by 5 percentage points

Action: 2020-21 Remote Services

Help students learn about library and career services that are available to aid in their success with courses and career opportunities. Making sure that students are aware of how to access library resources during periods of remote learning and campus closures. Also make sure that students are aware of career services offered remotely and how to schedule those services to better prepare them for employment opportunities.

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Implementation Timeline: 2020 - 2021

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Identify related course/program outcomes:

Person(s) Responsible (Name and Position): Shannan Cooper

Rationale (With supporting data):

Priority: High

Safety Issue: No

External Mandate: No

Safety/Mandate Explanation:

Update on Action

Updates

Update Year: 2021-2022

09/01/2021

Status: Action Completed

Students in the program were informed about library and career services being offered remotely through Canvas and through Zoom sessions. In addition, links to the resources were provided in all course shells.

Impact on District Objectives/Unit Outcomes (Not Required):

Link Actions to District Objectives

District Objectives: 2018-2021

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