Program Review - Overall Report

Instructional: Drafting Technology

Data Review

2021 - 2024

Overall Trends

What overall trends do you see in success, retention, program of study, educational planning, and awards over the past 3 or more years?

Due to Technology use in the Hybrid and online direction I expect more enrolment for CAD/Drafting programs.

Disaggregated Student Subgroups

Look at the disaggregated student subgroups in success, retention, program of study, educational planning, and awards for your area. Are there any equity gaps that you will address in the next 3 years?

Yes, the number of the hiring right now is low due to panademic, but expect an increase in Fall. The gap exist with the ongoing changes in the Technology that College may not catch up with the same speed.

If there are any concerning trends over the past 3 or more years, or if equity gaps exist, what is your action plan to address them?

To Make the Drafting Lab more open-flexible and accessibile to all students by redesigninng/reeiring the power grid for the computers through suspended ceiling option.

Is there a resource request associated with this Data Review? (If yes, please complete a Resource Request, which you can access from the main menu to the left)

Yes

Assessment Review

2021 - 2024

Section 1: SLO Assessment Status (Based on Dashboard - Assessment Status)

Which Disciplines are included in this Assessment?
Drafting
What percent of SLOs in the disciplines you identified above have been assessed?
100%
Which SLOs have not been assessed and why? Identify both the Course and the associated SLO(s).
All assesses

Section 2: Mapping Status (Based on Dashboard - Mapping Status)

Are all SLOs mapped to at least one PLO?
Yes
If all SLOs are not mapped to at least one PLOs, please explain why.
All are updated, may not show in the system yet due to in-process approvals.
Are the appropriate SLOs mapped to GELOs? (If you have a course that is listed in any general education area, it should have at least one SLO mapped to at least one GELO)
Yes
If the appropriate SLOs are not mapped to GELOs, please explain why.
All are updated, may not show in the system yet due to in-process approvals.

Section 3: PLO Analysis (Based on Dashboard - Analysis: PLO Direct Assessment)

Which Programs are included in this Assessment?
Drafting Technology
Please identify the PLO(s) - and name the associated Program(s) - that achieved benchmarks.
Drafting Technology, Prepare students with skills that job market needs.
To what to you attribute this success?
Associate faculty, supportive admins and leadership and students.
Please identify the PLO(s) - and name the associated Program(s) - that did not achieve benchmarks.
Drafting Technology, 3D Mechanical Drafting the benchmark will be 2019-2020 enrolment and success rate.
If there are PLOs that did not achieve benchmarks, what do you plan on doing to improve benchmark attainment?
Due to pandemic I think we need to consider the online transition in the equation

Section 4: Alignment to Career and Transfer

Describe the process used in this area to ensure programs (PLOs) align with career and transfer needs.
Apprenticeship program to link employers with students.
Ongoing seminar, workshops and STEM activities to prepare students with the resources and tools available for their success.

Assessment Review

Describe the activities, projects, and opportunities this program offers to support experiential learning and alignment of programs to career and transfer (e.g. capstone projects, portfolios, service-learning opportunities).

STEM projects are a major tool beside course teamworks and student projects.

Without looking at your current PLOs, describe some program outcomes which would best help your students continue on the path towards their workforce and transfer goals (e.g. subject matter expertise, hands on experience, partnerships, etc.).

High rate of success in hiring graduates in Drafting and CAD programs right after graduation or during the program.

Review current PLOs. Do the outcomes listed above align with the current program outcomes?

Yes

Program Review: Part 1

EMP GOAL 1. Expand college access by increasing both headcount and full-time equivalent students (FTES).

GOALS AND ACTIVITIES
What are you doing now in support of this goal?
Offering short certificate and courses in online or hybrid mode makes it available to all students who are working or like to take them as continue ed.

Making Drafting lab ATEC109 multi purpose and open with layout flexibility allowes incerse in enrolment.

What are your plans/goals (3-year) regarding this goal?
Increase the enrolment by 20%.

EVIDENCE
Do you have assessment data or other evidence that relates to this goal?
Yes, the total count of graduates and also increaae headcounts with proposed layout.

RESOURCES
Is there a resource request associated with this EMP Goal? (If yes, please complete a Resource Request, which you can access from the main menu to the left)
Yes

EMP GOAL 3. Close all student equity gaps.

GOALS AND ACTIVITIES
What are you doing now in support of this goal?
Advertise the program through college social media.

Develop ew course certificate and update the current oes.

Offer online/Hybrid classes.

Offer non-credit courses.

What are your plans/goals (3-year) regarding this goal?
Increase the enrolment by 20%

EVIDENCE
Do you have assessment data or other evidence that relates to this goal?
Yes

RESOURCES
Is there a resource request associated with this EMP Goal? (If yes, please complete a Resource Request, which you can access from the main menu to the left)
Yes

Program Review Part 2

2021 - 2024

Curriculum

Are all your courses current (within four years)?
Yes
What percentage of your courses are out of date?
10% or less
If you have courses that are not current, are they in the curriculum process?
Yes
For out of date courses that are not already in progress of updating, what is your plan?
Offering classes online/Hybrid

ew certificates developed

Update equipments with hybrid options
Do you have proposals in progress for all the DE courses you intend to file?
Yes
Do you require help to get your courses up to date?
Yes

Program Review Reflections

What would make program review meaningful and relevant for your unit?
A basic program that feeds many engineering and Design majors.
What questions do we need to ask to understand your program plans, goals, needs?
What student's need are to make the program more successful.

Asking students on how to remove their barriers.
What types of data do you need to support your program plans, goals, needs?
Enrolment, graduates and their ending point at university or job market.

Employers of the area/community

Apprenticeship resources

Available student funds.
If there are any supporting documents you would like to attach, please attach them here.
Advisory Committee Minutes.docx
Drafting Technology - Updated.docx
3D Mechanical Drafting Certificate POR-Updated.docx

Resource Requests

2021 - 2024

Resource Request

What resources do we already have?
Ground power outlets
What resources do you need?
Rewiring power grid to suspended ceiling outlets for safety concerns
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 4,EMP Goal 9,EMP Goal 5,EMP Goal 6
$ Amount Requested
150,000
Resource Type
BUDGET: Facilities Building, Remodel
Potential Funding Source(s)
CTE: Strong Workforce Project (SWP)
The evidence to support this request can be found in:
Assessment Review
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
Old Macbook
What resources do you need?
iMac for office, MacBook Pro and ipad Pro for online CAD/Drafting programs
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 3,EMP Goal 4,EMP Goal 8

Resource Requests

$ Amount Requested
12,000
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
CTE: Perkins (VTEA),Instructional Equipment Allocation,Equity,CTE: Strong Workforce Project (SWP)
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1,Program Review: Part 2
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
Office desk
What resources do you need?
Drafting station for recording and also to present online courses.
Request related to EMP goal or Assessment?
EMP Goal 2,EMP Goal 3,EMP Goal 1,EMP Goal 5
$ Amount Requested
8,000
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Instructional Equipment Allocation,CTE: Perkins (VTEA),Equity
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1
This request for my area is Priority #:
1

Resource Requests

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
3 Drafting certificates
What resources do you need?
Program development budget for newCAD and AR-VR certificates
Request related to EMP goal or Assessment?
EMP Goal 3,EMP Goal 9,EMP Goal 2
$ Amount Requested
10,000
Resource Type
BUDGET: Request Ongoing Funding (Professional Development, Department or Program Support, Outreach, Marketing)
Potential Funding Source(s)
CTE: Strong Workforce Project (SWP)
The evidence to support this request can be found in:
Assessment Review
This request for my area is Priority #:
2

For Administrative Use Only

Funding Status
No Action-Insufficient funding
Notes
Forwarded to VPAA for funding consideration
Council Ranking

2022-23 Council Ranking

2022-23 Notes

Resource Requests

2021 - 2024

Resource Request

What resources do we already have?
Old Drafting desks in ATC109
What resources do you need?
Flexible Drafting stations
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 4,EMP Goal 3,EMP Goal 6,EMP Goal 7,EMP Goal 11
$ Amount Requested
40,000
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Instructional Equipment Allocation,CTE: Perkins (VTEA),Equity
The evidence to support this request can be found in:
Program Review: Part 1,Program Review: Part 2,Data Review
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
In Progress
Notes
COMPLETED PARTIALLY
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
Temporary Hotspot/WIFI access
What resources do you need?
Annual subscription for reliable WIFI to students in need and instructor out of office.
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 3,EMP Goal 5
$ Amount Requested
1,200

Resource Requests

Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Instructional Equipment Allocation,CTE: Strong Workforce Project (SWP)
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1,Data Review
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
Lumens low res Doc cam
What resources do you need?
High Res Doc cam for hybrid/online classes
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 3
$ Amount Requested
1,500
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Equity,CTE: Perkins (VTEA),GRANT: CTE Pathways for Foster Youth
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
Completed/Funded

Resource Requests

Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

2021 - 2024

Resource Request

What resources do we already have?
Desktop monitors
What resources do you need?
Monitor stand for each station in ATEC109
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 3,EMP Goal 5,EMP Goal 7,EMP Goal 12
$ Amount Requested
35,000
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Instructional Equipment Allocation,Equity,Lottery Instructional Supplies,GRANT: CTE Pathways for Foster Youth,CTE: Perkins (VTEA)
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1
This request for my area is Priority #:
1

For Administrative Use Only

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

Resource Requests
2021 - 2024

Resource Request

What resources do we already have?
Desktops
What resources do you need?
Updated desktops and monitor
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 2,EMP Goal 8,EMP Goal 10
$ Amount Requested
75,000
Resource Type
ITEM: Equipment, Technology, Services, Software, Furniture
Potential Funding Source(s)
Instructional Equipment Allocation,CTE: Perkins (VTEA),Other/None
The evidence to support this request can be found in:
Assessment Review,Program Review: Part 1,Program Review: Part 2
This request for my area is Priority #:
2

For Administrative Use Only

Funding Status
Completed/Funded
Notes
Completed
Council Ranking

2022-23 Council Ranking

2022-23 Notes

Faculty Professional Development Requests

Faculty Professional Development (2021 - 2024)

Resource Request

What resources do we already have?
Perkins fund
Potential Funding Source(s)
CTE: Perkins (VTEA),CTE: Strong Workforce Project (SWP),Department Regular Funding,General Fund
What resources do you need?
Training in new software update (SolidWorks / AutoCAD / REVIT / Arch)
Request related to EMP goal or Assessment?
EMP Goal 1,EMP Goal 3,EMP Goal 2,EMP Goal 7,EMP Goal 11
$ Amount Requested
4,800
Resource Type
FACULTY: Professional Development
The evidence to support this request can be found in:
Program Review: Part 1
This request for my area is Priority #:
1

Professional Development Activity Funding Request Application

Attendee and Activity Information
Has this professional development request been discussed and approved by your department chair?
Yes
Date of Request
03/30/2023
Activity Date(s)
Attend annual training by Autodesk and SolidWorks
Attendee Name
Farshid Mirzaei
Position
Full-time Faculty
Discipline
DFT
Name of Activity and Organization/Sponsor

Link to Activity Website
Not announced yet, it would be in :

https://gems.autodesk.com/c/calendar/1b9d61c0-ad2a-4189-ad6c-59972eada9ce

https://www.solidworks.com/events-and-webinars

Location

Faculty Professional Development Requests

City, State

Have you sought any other co-sponsorship (other internal and/or external funding)?

If yes, list source and total dollar amount.

Estimated Costs ($)
Registration

What is included with Registration?

Air Travel or Mileage (65.5 cents/mile)

Hotel (tax included)

Airport Parking

Ground Transportation

Meals ($75/day maximum)

Hotel Parking

Incidentals

Total Costs
4,800
Justification for Funding Request
Select the categories of professional development that best support your request. (Check all that apply)

Briefly describe the objective of the activity and how it will benefit you and the work you do for the college. If this activity aligns with the objectives of any special programs, grants, or plans (e.g., Equity, AB 705, Guided Pathways, STEM, etc.) please explain.

How do you plan to share the information gained from the activity to your department/division? See "Dissemination Plan Ideas" document for ways to disseminate information and check all that apply.

Briefly explain your selection above.

Is there anything else you would like to add?

Approve and Submit
Proof of approval is uploaded, ready to submit?

Please upload proof of approval for travel from your department chair or Dean.

For Administrative Use Only

Funding Status

Submission

2021 - 2024

All parts of my Program Review have been completed and it is ready for review
Yes

2022 - 2023 Update

I would like to submit this update
Yes
The additions or updates to my Program Review can be found in:
Program Review: Part 1,Program Review: Part 2