



Program Review - Overall Report

2024 - 2027

Instructional: Drafting Technology

Overall Trends

Please add any relevant documents here.

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

The Data below shows unbalanced gender population. We need to expand services equitable to all genders, as well as the minorities.

Gender	Enrolled	Retained	Retention Rate	DI	Close Gap
Female	10	7	70.0%	0	1
Asian	Masked Data			0	
Hispanic	Masked Data			0	
White	Masked Data			0	
Male	48	37	77.1%	0	0
African American	Masked Data			0	
Asian	Masked Data			0	
Hispanic	23	17	73.9%	0	1
White	16	13	81.3%	0	0
Two or More	Masked Data			0	
Unknown	Masked Data			0	
Total	58	44	75.9%	0	0

[Open in Power BI](#)
department-level disaggregated success data

Data Review

Data as of 8/22/23, 10:24 AM

Filtered by **disc** (is DFT), **inst_meth2** (is Hybrid), **ay** (is 2017-18, 2018-19, 2019-20, 2020-21, 2021-22, or 2022-23)

Certificates

Gender x Ethnicity	18-19	19-20	20-21	21-22	22-23	Total
<input type="checkbox"/> Female	3	2	1	3	2	11
Hispanic/Latino	1	2		2	2	7
White	2		1	1		4
<input type="checkbox"/> Male	13	6	1	2	4	26
Asian	4					4
Black or African American		1				1
Hispanic/Latino	4	3		2	4	13
Two or More Races	1					1
White	4	2	1			7
Total	16	8	2	5	6	37

[Open in Power BI](#)

Program Awards

Data as of 10/3/23, 12:59 PM

Filtered by **CertAppr** (is 1), **Annual** (is 18-19, 19-20, 20-21, 21-22, or 22-23), **ProgramTitle** (is 3D Mechanical

Data Review

Drafting or Drafting Technology)

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?
Equity in enrollment for male/female. Increase the Female enrollment by 15%.

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?

Advocate the Program in high school, ESL classes, outreach in fairs.

Please add any relevant documents here.

2026 Update

Overall Trends

Please add any relevant documents here.

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

Retention needed to be increased at least 5% for next year

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?
Increase the enrollment

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?

canceling the classes with 18 students for efficiency reasons!

Please add any relevant documents here.

Program/Unit Goals

Drafting Technology

Program/Unit Goal

DFT/23 units

Goal Cycle

2024 - 2027

What are you doing now in support of this goal?

Drafting Technology certificate program prepares individuals the basic skills and knowledge in the field of drafting to perform as a general drafter. Students can advance their skills later on in Mechanical or Architectural drafting. This program gives individuals knowledge and skills to develop working drawings and electronic simulations in support of engineering drafting and related professionals. The content includes the application of Manual Drafting, Computer Assisted Drafting and technical communication to the creation of graphic representations and simulations in support of engineering projects.

Upon successful completion of this program, students should be able to:

1. An ability to apply and integrate computer technology in the design process, exhibiting skills necessary for entry level employment, as a drafter in the drafting industry.
1. Knowledge of engineering drawing skills and practice in the solution of industry related design projects.

Employment for the drafting technology occupational group is expected to decrease by 2% between 2017 and 2022 in the Inland Empire/Desert Region and Los Angeles County combined. Despite this projected decrease, nearly 3,600 job openings will be available over the five-year timeframe. The entry-level wage for each occupation in the drafting technology occupational group is above the MIT Living Wage estimate of \$12.30 per hour for a single adult living in the Inland Empire/Desert Region. There appears to be an opportunity for program growth based on the average annual number of program completions for the selected community college programs (52 average annual community college credentials), and the annual openings for drafting technology occupations in the local region (712 annual job openings). Attached find LMI report.

What are your plans (3-year) regarding this goal?

1. Develop Makers activities and team building around project-based study, out of class activities such as attending regional and national student competitions.
2. Update resources, tool and materials for each course as well as whole program
3. ZTC

Please add any relevant documents here.

[3D Mechanical Drafting Certificate POR-Updated.docx](#);

[Drafting Technology - Updated.docx](#)

Mapping

Educational Master Plan (2020-2025): undefined

- **2025 Objective 1.3 (Student Services):** Expand enrollment with strategic groups (Dual Enrollment, International, Online, California Rehabilitation Center, Veterans, etc.) (✓)
- **2025 Objective 4.2 (Planning and Development):** Increase percentage of employees who complete Racial Microaggressions certificate from 1% to 60% (285 out of 472 employees) (✓)
- **2025 Objective 8.1 (Planning and Development):** Make program, student, and effectiveness (including assessment) data available, usable, and clear so critical data is visible in real time (✓)
- **2030 Goal 11: Operations:** Implement professional, intuitive, and technology enhanced systems (✓)
- **2030 Goal 12: Resources:** Develop innovative and diversified resources to build and sustain a comprehensive college and achieve our visionary goals. (✓)
- **2030 Goal 1: Access:** Expand college access by increasing both headcount and FTES (✓)
- **2030 Goal 2: Success:** Implement Guided Pathways framework. (✓)

Program/Unit Goals

Progress and Evidence

Evidence Date

11/30/2023

What progress have you made toward this goal?

How do you measure your progress?

Discuss your evidence/results.

Please provide any assessment data or other evidence that supports this Program/Unit Goal.

Program of Study and Student Educational Plan

Program of Study


- Select all
- 3D Game Modeling and Animation
- 3D Mechanical Drafting
- Accounting Basics for Small Business
- Admin Justice/Law Enforcement Basic Peace ...
- Admin of Justice/Law Enf Basic Peace Officer I...
- Admin of Justice/Law Enf Basic Peace Officer ...
- Admin of Justice: Basic Correctional Deputy A...
- Admin of Justice: Investigative Assistant
- Admin of Justice-Basic Correctional Deputy A...
- Admin of Justice-Investigative Assistant
- Admin/Clinical Medical Asst
- Administration & Information Systems
- Administration of Justice
- Administration of Justice/Corrections
- Administration of Justice/Law Enforcement
- Administration of Justice: Crime Scene Investi...

This report contains:

- Most recent program of study for all students enrolled at Norco College annually
- Student Educational Plan completion annually

Select one or more programs on the left

Source: Colleague Student Information System



Student Educational Plan	2019-20	2020-21	2021-22	2022-23	Total
Abbreviated and Comprehensive Ed Plan	3.16%	3.32%	4.14%	3.83%	3.59%
Abbreviated Ed Plan	3.95%	6.79%	8.72%	4.17%	5.74%
Comprehensive Ed Plan	32.29%	20.90%	19.87%	16.49%	22.69%
No Ed Plan	60.60%	68.99%	67.28%	75.50%	67.99%

Gender by Ethnicity	Instructions		2021-22	2022-23
Female	9705	8995	7627	8558
African-American	674	583	482	599
American Indian	27	17	15	14
Asian	915	862	831	875
Hispanic	5814	5454	4602	5251
Pacific Islander	26	23	25	26
Two or More	259	314	300	341
Unreported	130	90	77	74
White	1860	1652	1295	1378
Male	7811	6701	6043	7799
African-American	509	428	397	469
American Indian	27	17	18	28
Asian	875	786	701	855
Hispanic	4269	3644	3333	4380
Pacific Islander	38	32	34	33
Two or More	208	210	208	299
Unreported	203	127	148	379
White	1682	1457	1204	1356
Non-Binary	8	15	24	69
African-American		1		2
Asian		1	3	12
Hispanic	2	7	10	38
Two or More	2	1	1	3
Unreported				1
White	4	5	9	14
Unreported	111	85	97	111
African-American	4	4	8	7
Total	17635	15796	13791	16537

Is there a resource request associated with this Goal?

Yes

If yes, please provide a short description.

Updated data shows the reason why the new goals are needed.

Please add any relevant documents here.

Curriculum

Are all your courses current (within four years)?

Yes

What percentage of your courses are out of date?

0%

If you have courses that are not current, are they in the curriculum process?

N/A

For out of date courses that are not already in progress of updating, what is your plan?

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?

No

Please add any relevant documents here.

Credit for Prior Learning

Equity Related Professional Development Questions

1. Which equity-related professional development trainings have members of your area participated in to improve student learning, student support, and/or college support?

Autodesk University 2024, 2025, 2026

2. What knowledge or skills/techniques have members in your area implemented from these trainings and what changes have you seen?

All Makerspace tool running the Design/Make workshop / conference/trainings. Also for Design course field trips with students and Architectural site visiting

3. What additional equity-related professional development/trainings do you seek to better support your area?

To hire a lab technician/Manager to supervise Makers club students due to complexity of the tools and skills that is required to maintain the Makers lab.

Please add any relevant documents here.

Equity Related Professional Development Questions

1. Which equity-related professional development trainings have members of your area participated in to improve student learning, student support, and/or college support?

Autodesk University

2. What knowledge or skills/techniques have members in your area implemented from these trainings and what changes have you seen?

Industry changes with AI impact

3. What additional equity-related professional development/trainings do you seek to better support your area?

Attending the AI conferences

Please add any relevant documents here.

Assessment

Farshid Mirzaei

Date

03/01/2024

Observation

What did you notice?

Enrolment increase by offering NC sections

Course(s)

DFT 30/31/ 42/42B and 62

SLO(s)

100%

Discussion/Analysis

Please paste any relevant screenshots here.

Dicipline average outcome score 100% and 2.9 for Mastery Level

Please add any relevant documents here.

Resource Requests

Lab Technician

Resource Year

2024 - 2027

What resources do we already have?

limited time Volunteer faculties

What resources do you need?

a technician/lab Manager to supervise the Makers lab

\$ Amount Requested

100,000

Resource Type

STAFF: Classified Professional, Confidential, Mgr

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

To support equity and increase the enrolment for STEM / CTE students

This request for my area is Priority #:

1

Is this request

New

For Administrative Use Only

Funding Status

Notes

Council Ranking

2025-26 Council Ranking

Specialized CAD/CAM office computers to handle various Windows based CAD course software

Resource Year

2024 - 2027

What resources do we already have?

Old Windows office computer since 2018 (new office laptops can not support the needs) also current imac which is supporting half of the graphic CAD programs.

What resources do you need?

CTE/Perkins

\$ Amount Requested

6,000

Resource Type

ITEM: Equipment, Services, Software, Furniture

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

To be efficient using a proper computer so I don't have to wait hours to get back to a students on their simple CAD assignments!

This request for my area is Priority #:

1

Is this request

New

Resource Requests

For Administrative Use Only

Funding Status

Completed/Funded

Notes

Council Ranking

7

2025-26 Council Ranking

Equipments and tools

Resource Year

2024 - 2027

What resources do we already have?

Makers lab tool that need s to be maintained and improved.

What resources do you need?

Perkins/CTE/job placement fund

\$ Amount Requested

60,000

Resource Type

ITEM: Equipment, Services, Software, Furniture

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

to add new tools to Makers club to support their CTE and STEM projects such as 3D plane competition and rocketery

This request for my area is Priority #:

2

Is this request

New

For Administrative Use Only

Funding Status

Completed/Funded

Notes

Council Ranking

5

2025-26 Council Ranking

Lab Technician

Resource Year

2024 - 2027

What resources do we already have?

limited time Volunteer faculties

What resources do you need?

a technician/lab Manager to supervise the Makers club lab

\$ Amount Requested

100,000

4/2/2026

Resource Requests

Resource Type

STAFF: Classified Professional, Confidential, Mgr

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

To support equity and increase the enrolment for STEM / CTE students

This request for my area is Priority #:

1

Is this request

New

For Administrative Use Only

Funding Status

Notes

Council Ranking

2025-26 Council Ranking

Lab Printers - laser B&W and color

Resource Year

2024 - 2027

What resources do we already have?

old printers (over 10 years)

What resources do you need?

black and white priter, and color printer .

\$ Amount Requested

20,000

Resource Type

ITEM: Equipment, Services, Software, Furniture

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

Every students need a print! This is for Drafting class that constantly need prints o assignments. Equity, basic needs for the discipline

This request for my area is Priority #:

1

Is this request

New

For Administrative Use Only

Funding Status

Completed/Funded

Notes

Council Ranking

11

2025-26 Council Ranking

Resource Requests

ipad

Resource Year

2025 Update

What resources do we already have?

old ipad (5 yrs)

What resources do you need?

Ipad replacement

\$ Amount Requested

1,200

Resource Type

ITEM: Technology

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

instructional equipment for teaching /lectures

This request for my area is Priority #:

1

Is this request

New

For Administrative Use Only**Funding Status****Notes****Council Ranking****2025-26 Council Ranking****Drafting kits**

Resource Year

2026 Update

What resources do we already have?

Drafting kits for students to take home

What resources do you need?

New Drafting kits for students to take home

\$ Amount Requested

2,500

Resource Type

ITEM: Equipment, Services, Software, Furniture

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

to help students who can't afford buying drafting tools

This request for my area is Priority #:

2

Is this request

New

For Administrative Use Only**Funding Status**

In Progress

Notes

4/2/2026

Resource Requests

Council Ranking

2025-26 Council Ranking

Computer update

Resource Year

2026 Update

What resources do we already have?

Upgrade +4 yrs old lab computers

What resources do you need?

new computer/monitors

\$ Amount Requested

130,000

Resource Type

ITEM: Technology

Please summarize how this request supports one or more EMP Goals, Equity goals, your program plans or goals, and/or is supported by outcomes assessment data.

This request for my area is Priority #:

1

Is this request

New

For Administrative Use Only

Funding Status

In Progress

Notes

This fund is requested for both DFT/ARE programs for all lab 109 computers

Council Ranking

2025-26 Council Ranking

Mapping

Instructional: Drafting Technology: *undefined*

- **Drafting Technology:** DFT/23 units (✓)

Resource Request

What resources do we already have?

CTE, Perkins, General Fund

Potential Funding Source(s)

CTE: Perkins (VTEA)

CTE: Strong Workforce Project (SWP)

Equity

General Fund

What resources do you need?

Professional development, training, workshop in the Architectural Graphics field

Request related to EMP goal or Assessment?

EMP Goal 1

EMP Goal 3

EMP Goal 4

EMP Goal 6

\$ Amount Requested

4,200

Resource Type

FACULTY: Professional Development

The evidence to support this request can be found in:

Data Review

Equity

Program Review: Curriculum

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

Activity Date(s)

Attendee Name

Farshid Mirzaei

Position

Full-time Faculty

Discipline

DFT

Name of Activity and Organization/Sponsor

Autodesk University Expo

Link to Activity Website

<https://www.autodesk.com/autodesk-university/blog/Registration-Now-Open-AU-2023-2023>

Location

In state

4/2/2026

Faculty Professional Development Requests

City, State

Las Vegas, NV

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

No

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

4,200

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?

No

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

Faculty Professional Development Requests For Administrative Use Only

Funding Status

Notes

2025 Update

Resource Request

What resources do we already have?

To attend AutoDesk University Conference

Potential Funding Source(s)

CTE: Strong Workforce Project (SWP)

What resources do you need?

fund

Request related to EMP goal or Assessment?

\$ Amount Requested

2,500

Resource Type

FACULTY: Professional Development

The evidence to support this request can be found in:

Program Review: Curriculum

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

03/10/2025

Activity Date(s)

9/15/25 to 9/18/25

Attendee Name

Position

Full-time Faculty

Discipline

DFT

Name of Activity and Organization/Sponsor

Link to Activity Website

<https://www.autodesk.com/autodesk-university/>

Location

Out-of-state

Faculty Professional Development Requests

City, State

Nashville, CT

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

No

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

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.

Faculty Professional Development Requests For Administrative Use Only

Funding Status

Notes

Faculty Hiring Resource Requests

Program Review Reflections

What would make program review meaningful and relevant for your unit?

Partnership with the community and industries around the region.

Updated and develop the programs based on the needs of student and the community.

Project based learning

What questions do we need to ask to understand your program plans, goals, needs?

How to keep the retention and provide student learning support including the tutoring and out of class activities.

What types of data do you need to support your program plans, goals, needs?

Where the students go after the graduation / drop ? How to keep them in contact to inspire new students.

Number of graduates who go to higher degrees vs the one who stay with a job after graduation.

If there are any supporting documents you would like to attach, please attach them here.

Submission

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

Yes

Program Review Reflections

What would make program review meaningful and relevant for your unit?

To update the program with current industry needs.

What questions do we need to ask to understand your program plans, goals, needs?

What resources do you need?

How can we support you?

What types of data do you need to support your program plans, goals, needs?

Number of the graduates who are currently working successfully.

If there are any supporting documents you would like to attach, please attach them here.

Submission

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

Yes

Program Review Reflections

What would make program review meaningful and relevant for your unit?

Develop new Teamwork assignments

What questions do we need to ask to understand your program plans, goals, needs?

How can I support your program?

What types of data do you need to support your program plans, goals, needs?

How many of my graduate students are currently working?

If there are any supporting documents you would like to attach, please attach them here.

Reflections and Submission Submission

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

Yes