PROGRAM COMPREHENSIVE REPORT

2023-2024

Program Review (P) - Architecture, Drafting, and Construction Technology

<div style="text-align:center">**2023 - 2024**</div>

General Information

Briefly describe your program.

The program is made up of 3 different areas Architecture, Drafting, and Construction Technology. Each area (program) offers students skill enhancement, workforce preparation, cost effective college degrees and certificates, and preparation for and classes that transfer to colleges and universities. Many students in the program seek to gain a college degrees or certificates while living at home or working a full-time job supporting a family.

How does your program support VC's mission?

The mission of the college is to transform students' lives, develop human potential, create an informed citizenry, and serve as the educational and cultural heart of our community. Placing students at the center of their learning experience, we serve a highly diverse student body by providing innovative instruction and student support, focusing on associate degree and certificate completion, transfer, workforce preparation, and basic skills. We are committed to the sustainable continuous improvement of our college and its services. Our programs meets the college's entire mission. We pride ourselves in transforming students' lives and improving the community we live in.

Which disciplines are included in your program?

Our program is made up of Architecture, Drafting and Construction Technology.

SWOT Analysis: What are the strengths of your program?

There are no comparable programs In Ventura County. The program areas have worked to be active in industry groups such as the A.I.A., ICC, SolidWorks User Group, the Revit User group and others. Two active student clubs in the program are the Architecture club and the Construction Technology club. The faculty in the programs bring actual industry experience to the classes. The closest community colleges that offer classes such as ours would be College of the Canyons and Pierce College. Santa Barbara City College offer a few construction technology and architecture classes as part of their Drafting Programs. When student complete the program, they are ready for transfer or for employment

SWOT Analysis: What are the weaknesses of your program?

The weakness of our program is that the areas are limited in full-time faculty, staff and facilities. The lack of full-time faculty and staff limits the ability for program growth, program support, equipment maintenance, and program promotion. The program is in need of a construction lab to offer hands-on classes. There is a need in the community for hands on training.

SWOT Analysis: What are some opportunities for your program?

If the program had access to a larger modeling lab, more hands-on classes could be offered and more community access and support could be achieved. The program is constantly working to increase enrollment, course offerings, and expanding articulation with high schools and universities.

SWOT Analysis: What are some threats to your program?

Maintaining staffing, equipment, and staying current with industry needs is always a challenge. The program consistently relies on adjunct faculty. Most of the adjunct faculty work full-time day jobs, they have limited availability. It is difficult to find faculty for many of our specialty class. The program is constantly revising not only what we teach in our classes, but how we teach the material. In our area, codes and software is always changing. We must constantly work to stay current in our class material to stay relevant to industry needs.

Program Planning
Enrollment & Demographics

Enrollment & Demographics: General Observations

Enrollment and demographics has remained consistent over the last five years.

Over the past five years, what was the trend in your program's enrollment?

Remained Constant

Has there been a substantial decrease in any of your program's disciplines?

No

If yes, please list disciplines and reasons for the decrease in enrollment.

N/A

Are student gender demographics similar between your program and the college?

No

Are student ethnic demographics similar between your program and the college?

Yes

Please describe any areas where your program's demographics vary from the college.

The programs have more male students than female students.
The number of female students in the architecture program has risen to 43% up from 27% in 2018-2019.

Course Success Rate

Course Success Rate: General Observations

The success rate of the programs has dropped over the last five years. The success rate is now similar to the college success rate of the college at 72.2%.

Was the most recent year's course success rate higher than the college standard of 66.7%?

Yes

Was the most recent year's course success rate higher than the overall college average?

No

Has your course success rate increased, decreased, or remained constant over the past 5 years?

Decreased

Click the "Disciplines" tab - Describe any differences between the disciplines in your program.

The success rate of the drafting program has been stable over the last five years. The success rate of the architecture and construction programs has doped over the last five years.

Click the "Ethnicity" Report on the right - Are there gaps in your course success rate by ethnicity?

No

Ethnicity: How have these gaps changed over the past five years?

Remained Constant

Click the "Gender" Report on the right - Are there gaps in your course success rate by gender?

No

Gender: How have these gaps changed over the past five years?

Remained Constant

Program Planning

Describe what your program has done over the past 3 years to close equity gaps in course success.

No equity gaps. The programs have worked to make all students more successful.

Student Completion

Does your program offer a degree or certificate of achievement?

Yes

How does your program contribute to VC's goal of increasing our degree/certificate/transfer rate?

The programs work with both students and counselors to make sure students receive degrees and certificates they can attain. Students are also made aware of requirements to achieve additional degrees or certificates.

Within the past five years, what is the trend for your program's degree/certificates awarded?

The number of degrees and certificates awarded has been stable.

Are any of the degrees/certificates in your program on the program warning list?

No

Describe why this degree/certificate has fewer than 15 awards over the past five years.

N.A

Describe why this degree/certificate should continue to be offered.

N/A

Click the "Award Ethnicity" Report on the right – Are there equity gaps by ethnicity?

No

Equity Gaps by Ethnicity: If yes, please describe.

N/A

Click the "Award Gender" Report on the right – Are there equity gaps by gender?

No

Equity Gaps by Gender: If yes, please describe.

N/A

Click the "CSU/UC Transfers" Report on the right - How has the number of CSU Transfers changed over the past 5 years?

Remained Constant

Click the "CSU/UC Transfers" Report on the right - How has the number of UC Transfers changed over the past 5 years?

Remained Constant

Click the "Transfer Ethnicity" Report on the right – Are there equity gaps by ethnicity?

No

Equity Gaps by Ethnicity-Transfer: If yes, please describe.

N/A

Click the "Transfer Gender" Report on the right – Are there equity gaps by gender?

Yes

Equity Gaps by Gender-Transfer: If yes, please describe.

The transfer rate for female students was 16% in 2018-2019. In 2022-2023 the transfer rate for female students was 80%.

Program Planning

Course Offerings

Course Offerings: General Observations

The course offerings over the last five years has been consistent. Only two courses have not been offered. The CT V30 class was not offered due to the lack of a lab to offer the course in. Most other classes in the program are at enrollment capacity or beyond.

Are there any disciplines in which 30% or more of classes haven't been offered in the past 5 years?

No

If yes, please enter the discipline(s), and the reason(s) why the classes haven't been offered.

N/A

CSLOs

Briefly summarize the results of your Course SLOs.

In almost all classes the students did well meeting the class CSLO's. A few CT classes will need to be looked at to determine ways to make the students more successful.

Which SLO initiatives had the greatest impact on student learning in your program?

CSLO's all reflect student success. From the CSLO outcomes instructors can look at ways to improve the class.

PSLOs

Briefly summarize the results of your Program SLOs.

In almost all classes the students did well meeting the PSLO's. A few CT classes will need to be looked at to determine ways to make the students more successful.

Which PSLO initiatives had the greatest impact on student learning in your program?

PSLO's all reflect student success. From the PSLO outcomes instructors can look at ways to improve the class.

Labor Market Data - CE Only

Describe the 3-year projections for the occupations that your program prepares students for.

The 3 year projects for the programs occupations look good. They are either stable or growing.

Are any occupations projected to decline?

No

If yes, which occupations?

N/A

Describe the median hourly earnings for the occupations that your program prepares students for.

The median hourly earnings the students are prepared for range from $25.97 - $47.93 per hour.

What steps is your program taking to ensure that graduates are hired by regional employers?

The programs work with groups like the A.I.A. and I.C.C. These groups help strengthen the programs and make the students more valued in industry. The programs also offer internship to expose students to employers and employers to students.

Objective

5 -Year Objective
Increase enrollment by 5%

What specific actions will you take to meet this objective?
Outreach, program promotion, analyze of programs and course offerings, and maintain current technology and instruction

Which of the following Educational Master Plan Goals does this objective align with?
Goal 2: Increase our community's access to transfer, workforce preparation, and basic skills education

Which of the following Student Equity Plan Goals does this objective align with?
Goal 1: Access and Successful Enrollment, Goal 5: Degree/Certificate Completion

Review Type
Comprehensive

Program Review Cycle
2023 - 2027

Objective Status
Active

Completion Date
09/29/2028

Year 3: Describe Progress Made Towards This Objective

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2111

Description of Resource Request
Develop an Engineering Tech degree to offer students the ability to become employable with the skills they learn from existing classes. This request requires the collaboration with the Engineering and Manufacturing departments.   No addition classes would be added.

Estimated Cost
$00.00

Type
Other (Not Prioritized)

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC 2104
Description of Resource Request

Modeling Lab creation

MCE-124, MCE-125 Classroom Reorganization
   Convert MCE-124 to an Architecture/Drafting classroom
   Convert MCE-125 to a Construction/Modeling Lab.

According to IT, MCE-125 has ongoing electrical issues that has impacted the computers in this room. After consulting with IT, the use of MCE-124 as a computer lab would allow the repair of the electrical issues in MCE-125 to be avoided. The lab equipment that would be used in MCE-125 would not be as susceptible to the electrical issue that effect the computers that are currently used in the room. IT calculated the cost of replacing computers in MCE-125 as $3000 per computer. Existing equipment and computers would be used in both classrooms. No additional equipment would be needed.

The current computer equipment and stations in MCE-125 would be moved into the MCE-124 classroom.

The conversion of MCE-125 into a Modeling Lab allows for the Modeling Lab and its equipment to be in close proximity to the classroom space, allowing for ease of use and supervision.

This conversion would allow controlled access from the MCE lobby, providing more security to the work spaces. The security gates requested under previous requests would no longer be needed.

The Modeling Lab space will be used to support student education by linking theoretical classroom education to practical industry applications. Students would have access to a more well-rounded overall education. Many transfer institutions require students to have modeling skills. Students lacking practical hands-on skills are at a disadvantage seeking higher educational institution acceptance or industry employment.

The Modeling Lab could then be used for hands-on training, allowing students to perform industry-specific applied work in areas such as green energy use, power generation and wiring, and construction methods. The availability of a Modeling Lab would allow for the recruitment of additional students to the program, including students from existing high school STEM programs. Much of the equipment needs for the modeling lab is already available to the program. Cost of expansion would be a one-time cost.

Room utilization data from Tableau shows that in Spring 2023 and Fall 2023, MCE 124 was used by seven classes each semester (33% and 31% utilization in spring and fall, respectively) with an average enrollment of 25.3 and 28.1, respectively. The classes scheduled in MCE-124 have an enrollment capacity of 32 student. Further review of the data shows that there are 13 classrooms in MCE and MCW with capacity between 30-49 seats that are scheduled less than 20%.

The following chart shows Fall 2023 Room Utilization for MCE and MCW Classrooms with Capacity Between 30-49 and Scheduled Less Than 20%

Room Capacity	M-Th Hours Scheduled	M-Th Hours Available	% Scheduled	Classes	Class Size	Avg Capacity	%
MCE-336 / 33	3.5	59.3	5.9%	2		23.0	69.7%
MCE-334 / 35	4.8	59.3	8.0%	3		29.3	83.8%
MCW-102 / 31	6.2	59.3	10.4%	2		24.0	77.4%
MCE-226 / 39	6.3	59.3	10.5%	3		24.0	61.5%

MCE-341 37	6.3 73.9%	59.3	10.7%	3	27.3	
MCE-219 34	7.3 75.0%	59.3	12.4%	4	25.5	
MCE-122 35	7.5 64.8%	59.3	12.6%	3	22.7	
MCE-223 39	8.7 83.8%	59.3	14.6%	3	32.7	
MCW-210 33	8.8 48.5%	59.3	14.9%	3	16.0	
MCE-229 39	9.3 76.9%	59.3	15.6%	4	30.0	
MCE-343 33	10.3 89.1%	59.3	17.3%	5	29.4	
MCE-218 33	10.9 66.7%	59.3	18.4%	5	22.0	
MCW-216 35	10.9 64.6%	59.3	18.4%	5	22.6	

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Estimated Cost
$5,000
Type
Facilities
New/Replacement
New
Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2021-2022, 2022-2023
Priority
01
Primary Contact For This Resource Request
Ralph Fernandez
<u>Administrator, Faculty, or Staff Request</u>
<u>Equipment, Technology, or Facilities Request</u>
Pirate's Code
Facilities-Scuttle   IT-Deadlights
Please explain how critical this request is to your program's goals.
This request provides a location for hands-on learning for Architecture, Construction, Drafting, Engineering, and Manufacturing students. Without a lab students gain no hands-on experience.
How many students will be impacted by this request?
130
What, if any, ongoing maintenance and licensing costs will your request require?
No additional costs
Have you identified funding sources to cover ongoing costs?
No
How will this resource improve the current learning environment, campus services, or operating conditions on campus?

This request provides a location for hands-on learning for Architecture, Construction, Drafting, Engineering, and Manufacturing students. Without a lab students gain no hands-on experience.

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC 2102

Description of Resource Request
Interior Design Proficiency Award

Develop an Interior Design Proficiency award to meet the needs of students in our community. The Proficiency Award will use our existing classes, and will also require development of some new interior design classes. This Proficiency award will provide students with the necessary skills to find employment.

Estimated Cost
0

Type
Other (Not Prioritized)

New/Replacement
New

Previously Requested in Year(s)
2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request

Objective

5 -Year Objective
Increase student success rate

What specific actions will you take to meet this objective?
Provide students with more learning opportunities.

Which of the following Educational Master Plan Goals does this objective align with?
Goal 1: Increase the success of our students while closing equity gaps, Goal 2: Increase our community's access to transfer, workforce preparation, and basic skills education, Goal 3: Strengthen local/regional partnerships and community engagement, Goal 4: Enhance institutional effectiveness and accountability to improve innovation and student outcomes

Which of the following Student Equity Plan Goals does this objective align with?
Goal 1: Access and Successful Enrollment, Goal 2: First-Term to Second-Term Persistence, Goal 3: Completion of Transfer-Level English and Math, Goal 4: Transfer, Goal 5: Degree/Certificate Completion

Review Type
Comprehensive

Program Review Cycle
2020 - 2023, 2023 - 2027

Objective Status
Active

Completion Date
09/29/2028

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2103

Description of Resource Request
Lab Technician

A Lab Technicians provide essential supervision and oversight for the protection and safety of students.
The position would assist in the daily repair, maintenance, and care of equipment.
Students would be assisted in the proper use of use of equipment. Proper use of equipment helps ensure the safety of students and mitigates misuse of equipment causing constant equipment repair.

This position would help strengthen and support the following programs: Architecture, Construction, Drafting, Engineering and Manufacturing.

Estimated Cost
$65,000

Do you have categorical funds available to fund this request? If yes, please enter the FOAP below.
No

Type
Staff

New/Replacement
New

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2021-2022, 2022-2023

Priority
04

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request

Please provide a detailed justification as to why this position is needed.
This position is essential to provide supervision and oversight for the protection and safety of students and the equipment.

In addition to supervision, this position plays a critical role in the daily maintenance and repairing equipment. The programs do not currently have an Instructional Lab Technician, this has been a safety concern for many years.

When the equipment is in use, the ratio of staff to students is a concern. Proper oversight of student is essential for the safety of the students.

Equipment, Technology, or Facilities Request

Please explain how critical this request is to your program's goals.
A Lab Technician would help students be more successful in completing class assignments while being safe in the labs.

How many students will be impacted by this request?
300

What, if any, ongoing maintenance and licensing costs will your request require?

None

Have you identified funding sources to cover ongoing costs?
No

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
A Lab Technician would help students be more successful in completing class assignments. The position is essential in providing lab supervision and oversight for the protection and safety of students, while ensuring the proper use of equipment.

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2107

Description of Resource Request
Security Gate installation
Purchase and installation of security gate for the Architecture, Drafting, Construction, Engineering and Manufacturing modeling lab. The gate provides protection from the unauthorized use of the modeling lab during non-class hours, protecting the college from potential liability exposure. This is a one time expense, no additional funds will be required.

Estimated Cost
$11,500

Type
Facilities

New/Replacement
New

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request

Pirate's Code
Artifact

Please explain how critical this request is to your program's goals.
The gate provides protection from the unauthorized use of the modeling lab during non-class hours, protecting the college from potential liability exposure.

What, if any, ongoing maintenance and licensing costs will your request require?
None

Have you identified funding sources to cover ongoing costs?
No

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
The gate provide protection from the unauthorized use of the modeling lab during non-class hours, protecting the college from potential liability exposure.

Resource Requests

Resource Request Status
Active

Request Year

2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2108

Description of Resource Request
White Board Repair
Replace White Boards in MCE-130. Current boards in front of class are divided into small sections that make them functionally unusable. The MCE-130 classroom is used by Architecture, Drafting, Engineering, and Manufacturing. This request is critical to the usability of the MCE-130 classroom. This is a one time facility expense.

Estimated Cost
$5000

Type
Equipment

New/Replacement
Replacement

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request

Pirate's Code
Overboard

Please explain how critical this request is to your program's goals.
Current white boards in front of class are divided into small section that make them functionally unusable.

How many students will be impacted by this request?
120

What, if any, ongoing maintenance and licensing costs will your request require?
None

Have you identified funding sources to cover ongoing costs?
No

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
Current white boards in front of class are divided into small section that make them functionally unusable.

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2110

Description of Resource Request
Desk Top Metal 3D Printer($150,000) and computer to run equipment ($5,200). As 3D printing continues to evolve, we need to stay current in the technology that we use.

Estimated Cost
$160,000

Type
Technology

New/Replacement
New

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2021-2022, 2022-2023
Priority
05
Primary Contact For This Resource Request
Ralph Fernandez
Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Pirate's Code
Stern

Please explain how critical this request is to your program's goals.
As 3D printing continues to evolve, we need to stay current in the technology that we use.
How many students will be impacted by this request?
120
What, if any, ongoing maintenance and licensing costs will your request require?
There will be ongoing material and supply expenses, but the cost should be minimal.
Have you identified funding sources to cover ongoing costs?
No
How will this resource improve the current learning environment, campus services, or operating conditions on campus?
As 3D printing continues to evolve, we need to stay current in the technology that we use.
Resource Requests

Resource Request Status
Active
Request Year
2023- 2024
Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2105
Description of Resource Request

Drafting Instructor Replacement.

The success of the program is currently relying on an unusually high amount of support from adjunct faculty in many areas not traditionally supported by adjunct faculty. Adjunct faculty maintain equipment, repair equipment, help maintain open labs for student use and provide lab supervision. Over-reliance on adjunct faculty puts the program in a position that will be hard to maintain if some of the adjunct faculty leave. It is important that a balance between adjunct and full-time faculty be maintained. This additional instructor would increase the strength of the program and would likely increase the overall enrollment of the program and the college. This position would replace a full-time instructor who retired in 2017. This position was #4 on the prior for hire by the executive team in 2022. Somehow in 2022 the position was shown as a "FT Temp" position. The position we are asking for is a full-time tenure track position.

Ranking Criteria

(A) This position would replace the retirement of a full-time staff member in 2017

(B) There is a difficulty in hiring faculty with the skills needed in the program. The instructor will need to have both educational and field experience. The faculty member will need to teach a variety of subjects and software. We may need to provide some training to the new faculty member.

(D) The program is small and currently has only one full time faculty. With one full time faculty it is difficult to accomplish all of the needs of the program and continue to provide program promotion and exposure. An additional instructor would also provide support for coordination with university articulation and develop relationships with local schools for high school articulation to our program.

(E) This position was #4 on the prior for hire by the executive team in 2022. The position was listed as a one-year temporary position. We are asking for a full-time tenure track position that will help the program grow.

(K) The students in the program attain jobs in the community. The more exposure the program gains the more we support community employment needs.

(L) This position is more than just a faculty position. Being a small program, the faculty member is required to support the program in more ways than just teaching. They will need to provide community outreach, equipment maintenance, and student supervision in class labs.

Estimated Cost
$100,000

Type
Full-time Faculty

New/Replacement
Replacement

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2021-2022, 2022-2023

Priority
03

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Please provide a detailed justification as to why this position is needed.
The success of the program is currently relying of unusually high support of our adjunct faculty function in many areas not traditionally supported by adjunct faculty. Over reliance of adjunct faculty puts the program in position that will be hard to maintain. It is important that a balance between adjuncts and full-time faculty be maintained. This position would increase the strength of the program and would likely increase the overall enrollment of the program and the college. This position would replace the retirement of a full-time staff member in 2017.

Equipment, Technology, or Facilities Request
Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2109

Description of Resource Request
Instructional Skills Upgrade (professional development). Instructors to attend Autodesk University and SolidWorks World or similar training events. It is important that our instructors be knowledgeable in the latest version of the software they teach.

Estimated Cost
$15,000

Type
Other (Not Prioritized)

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARCH 2106

Description of Resource Request
Room lighting controls in MCE-129 and MCE-130 as is done in MCE-125. The lighting in the classrooms should be zoned to allow the instructor to turn off lights in part of the room, allowing for better viewing of projected material. Currently the projection screen is washed out by lights shining on the screen.

Estimated Cost
$12,500

Type
Equipment

New/Replacement
New

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Pirate's Code
Transom

Please explain how critical this request is to your program's goals.
The lighting in the classrooms needs to be "zoned" to allow the instructor to turn off lights in part of the room, allowing for better viewing of projected material. Currently the projection screen is washed out by lights shining on the screen.

How many students will be impacted by this request?

150

What, if any, ongoing maintenance and licensing costs will your request require?
None

Have you identified funding sources to cover ongoing costs?
No

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
The instructor will be able to turn off lights in part of the room, allowing for better viewing of projected material. This will provide better viewing of the material by the students.

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC 2113

Description of Resource Request
Establish a program budget for Construction Technology Department for the on going expenses required to maintain supplies, training manuals/code books, equipment, and software needed in the department.

Estimated Cost
$3000

Type
Other (Not Prioritized)

New/Replacement
New

Previously Requested in Year(s)
2021-2022, 2022-2023

Priority
NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2301

Description of Resource Request
Large Format Laser Plotter

Estimated Cost
$28,000

Do you have categorical funds available to fund this request? If yes, please enter the FOAP below.
No

Type
Technology

New/Replacement
New

Priority

NR

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Pirate's Code
Cave

Please explain how critical this request is to your program's goals.
 Printing is an integral part of design visualization allowing the program train to students in both digital education and media output. Students need to output large format work as used in industry. Laser printing allows the program to maintain large format printing with minimal maintenance. This request is critical for students to be able to view their work as it will be used in industry. Students will be able to review and modify their work to meet industry standards.

How many students will be impacted by this request?
175 students per semester.

What, if any, ongoing maintenance and licensing costs will your request require?
None

Have you identified funding sources to cover ongoing costs?
N/A

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
This request allows the program links digital education and media output. Access to this technology allows students to align their education with current industry requirements.

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2302

Description of Resource Request
3D Printer

Estimated Cost
$50,000

Do you have categorical funds available to fund this request? If yes, please enter the FOAP below.
No

Type
Technology

New/Replacement
Replacement

Priority
02

Primary Contact For This Resource Request
Ralph Fernandez

Administrator, Faculty, or Staff Request
Equipment, Technology, or Facilities Request
Pirate's Code
matey

Please explain how critical this request is to your program's goals.

This additive technology allows students to solve critical design challenges in the production cycle. Students are able to link design methods and digital technology with product output. 3D printing allows students to solve production errors in the design phase as done in industry. This education is essential in preparing students for industry employment and university transfer.

How many students will be impacted by this request?
175

What, if any, ongoing maintenance and licensing costs will your request require?
N/A

Have you identified funding sources to cover ongoing costs?
No

How will this resource improve the current learning environment, campus services, or operating conditions on campus?
This technology allows students to work on industry current technology. This education is essential in preparing students for industry employment and university transfer.

Objective

5 -Year Objective
Increase the number of degrees and certificates awarded

What specific actions will you take to meet this objective?
Invite VC Counseling staff to visit our classes and offer career advice to students.

Which of the following Educational Master Plan Goals does this objective align with?
Goal 1: Increase the success of our students while closing equity gaps, Goal 2: Increase our community's access to transfer, workforce preparation, and basic skills education, Goal 3: Strengthen local/regional partnerships and community engagement, Goal 4: Enhance institutional effectiveness and accountability to improve innovation and student outcomes

Which of the following Student Equity Plan Goals does this objective align with?
Goal 1: Access and Successful Enrollment, Goal 2: First-Term to Second-Term Persistence, Goal 4: Transfer, Goal 5: Degree/Certificate Completion

Review Type
Comprehensive

Program Review Cycle
2020 - 2023, 2023 - 2027

Objective Status
Active

Completion Date
09/29/2028

Resource Requests

Resource Request Status
Active

Request Year
2023- 2024

Resource Request Title (First 3 letters of Program Name+2-digit Year + 2-digit Request Number)
ARC2112

Description of Resource Request
Invite VC Counseling staff to visit our classes and offer career/degree completion advice to students

Estimated Cost
0

Type
Other (Not Prioritized)

Previously Requested in Year(s)
2020-2021, 2019-2020, 2018-2019, 2017-2018, 2021-2022, 2022-2023

Priority

NR

Primary Contact For This Resource Request

Ralph Fernandez

<u>Administrator, Faculty, or Staff Request</u>

<u>Equipment, Technology, or Facilities Request</u>