

# **Instructional Program Review 2019/20 UPDATE**

**Exercise Science**

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## **General Information (Instructional Program Review 2019/20 UPDATE)**

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## 2019/20 Instructional Program Review

### SUBMISSION INFORMATION AND UPDATES (REQUIRED)

- Name of Lead Writer: Kim Lester/Steven Sanchez
- Name of Liaison: Dina Miyoshi
- Department Chair: Ed Helscher
- Name of Manager/Service Area Supervisor: Ryan Schumaker
- Is this a CTE program? (State Yes or No) Yes

### OUTCOMES AND ASSESSMENT (REQUIRED)

**Form:** 2019/20 Program Review Outcomes and Assessment Section (See appendix)

### PROGRAM ANALYSIS FOR EQUITY AND EXCELLENCE (REQUIRED)

**Form:** 2019/20 Program Review Instructional Program Analysis Section (See appendix)

### PROGRAM GOALS (REQUIRED)

#### Exercise Science Program Goals 2018-19

##### Development of Certifications and Degrees

The Exercise Science department will develop new certificates in the area of athletics and develop new degrees in Recreation Administration Management and Health Promotions.

##### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.5, Strategic Goal 1.6, Strategic Goal 2.1, Strategic Goal 2.2, Strategic Goal 3.2, Strategic Goal 3.3, Strategic Goal 4.2, Strategic Goal 5.1, Strategic Goal 5.2, Strategic Goal 6.2,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

##### Develop Student Pathways for Success

Continue to work with campus to develop those pathways that students will follow for degrees and transfer, certificates and employment in the region, as well as help students develop strategies for lifelong healthy lifestyles.

##### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.5, Strategic Goal 1.6, Strategic Goal 2.1, Strategic Goal 2.2, Strategic Goal 2.3, Strategic Goal 3.2, Strategic Goal 3.3, Strategic Goal 4.1, Strategic Goal 4.2, Strategic Goal 5.1, Strategic Goal 5.2, Strategic Goal 6.1, Strategic Goal 6.2,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

## Sustain Quality Sports and Exercise Science Programs

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. The L100 Building is one of the oldest on campus and badly needs to be replaced or renovated. Additional team locker rooms for both women and men are needed. Currently, women sometimes must give up their room to visiting men's teams and vice versa. Plumbing and electricity are in constant need of repair.

### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.6, Strategic Goal 4.1, Strategic Goal 4.2, Strategic Goal 6.1,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

## Sustain Quality Aquatics Program.

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Aquatics facility does not meet standards for competition in water polo and swimming and limits the expansion of programs. One diving board urgently needs to be replaced as the board is 7 years old. For safety concerns boards should be replaced every 5 years.

### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.6, Strategic Goal 4.1, Strategic Goal 4.2, Strategic Goal 6.1,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

## Sustain Quality Indoor Programs

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Necessary to upgrade the gymnasium or to replace the facility with new gym. Equipment is old and some equipment is dangerous. New bleachers, scoring tables, doorway mats and other equipment is needed. A new facility would be the showcase for our athletic programs as well as enhance student learning.

### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.6, Strategic Goal 4.1, Strategic Goal 4.2, Strategic Goal 6.1,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

## Sustain Quality Outdoor Programs

To sustain a quality program it is necessary to update or replace some outdoor fixtures. These include additional beach volleyball courts, fencing for softball, new baseball dugouts, construct modular press box on east side of stadium, new stadium scoreboard, lower field rooms for teams, officials and our athletic training staff.

### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.6, Strategic Goal 4.1, Strategic Goal 4.2, Strategic Goal 6.1,

**Institutional Learning Outcomes 2016/17:** Critical Thinking, Information Literacy, Professional & Ethical Behavior

### Closing Equity Gaps

A review of success rates for the Exercise Science Department show equity gaps among African Americans/Blacks and Latinx groups. The gaps for both groups are consistently greater for the female population than the male population. It is a goal of the department to develop strategies to close these gaps.

### Mapping

**CA- Mesa College Strategic Directions and Goals:** Strategic Goal 1.1, Strategic Goal 1.2, Strategic Goal 1.3, Strategic Goal 1.4, Strategic Goal 1.5, Strategic Goal 1.6, Strategic Goal 2.3, Strategic Goal 4.1, Strategic Goal 6.2,

**Institutional Learning Outcomes 2016/17:** Communication, Critical Thinking, Global Consciousness, Information Literacy, Professional & Ethical Behavior

## ACTION PLANS FOR GOALS (REQUIRED)

### Actions

#### Exercise Science Program Goals 2018-19

##### Goal

#### **Goal: Development of Certifications and Degrees**

The Exercise Science department will develop new certificates in the area of athletics and develop new degrees in Recreation Administration Management and Health Promotions.

#### **Action: Degree and Certificate Development**

**Describe the actions needed to achieve this objective:**

Write necessary programs to offer Associate of Arts in Recreation Administration Management and Health Promotions as well as Certificates of Achievement in Athletics.

**Who will be responsible for overseeing the completion of this objective:**

Mesa Exercise Science faculty with oversight by Ed Helscher, Kim Lester, Steve Sanchez, Jim Fegan, Jake Portugal and Kelsey Graham.

**Provide a timeline for the actions:**

For the AA in Recreation and Administration, this proposal should be completed by Fall, 2020. For the Certificate of Achievement proposal, completion will Spring, 2020.

**Describe the assessment plan you will use to know if the objective was achieved and effective:**

All proposal will have been accepted by Mesa CRC and District CIC.

**List resources needed to achieve this objective and**

There are no associated costs.

**associated costs (Supplies, Equipment, Computer Equipment, Travel & Conference, Software, Facilities, Classified Staff, Faculty, Other):**

**Goal: Develop Student Pathways for Success**

Continue to work with campus to develop those pathways that students will follow for degrees and transfer, certificates and employment in the region, as well as help students develop strategies for lifelong healthy lifestyles.

**Action: Student Pathways**

<b>Describe the actions needed to achieve this objective:</b>	Develop student pathways to success for athletes, kinesiology majors, and students seeking certifications.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Oversight will be by Ed Helscher and Sean Ricketts.
<b>Provide a timeline for the actions:</b>	Looking to have pathways in place by Spring, 2020.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	If pathways are in place and students are following.
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	No cost associated.

**Goal: Sustain Quality Sports and Exercise Science Programs**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. The L100 Building is one of the oldest on campus and badly needs to be replaced or renovated. Additional team locker rooms for both women and men are needed. Currently, women sometimes must give up their room to visiting men's teams and vice versa. Plumbing and electricity are in constant need of repair.

**Action: Facilities Improvement**

<b>Describe the actions</b>	To continue to improve and sustain quality instruction it
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<b>needed to achieve this objective:</b>	is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ryan Schumaker
<b>Provide a timeline for the actions:</b>	As soon as possible.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	New facilities are completed .
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	The district will have to provide for a bond measure to specifically build new facilities and improve existing ones.

**Goal: Sustain Quality Aquatics Program.**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Aquatics facility does not meet standards for competition in water polo and swimming and limits the expansion of programs. One diving board urgently needs to be replaced as the board is 7 years old. For safety concerns boards should be replaced every 5 years.

**Action: Facilities Improvement**

<b>Describe the actions needed to achieve this objective:</b>	To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include a new Aquatic Center. Current facilities are inadequate to meet needs of students and do not meet standards for intercollegiate competition.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ryan Schumaker
<b>Provide a timeline for the actions:</b>	As soon as possible.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	New facilities are completed.
<b>List resources needed to achieve this objective and associated costs (Supplies,</b>	District will have to provide for a bond measure specifically to build new facilities and improve existing ones.



**Equipment, Computer  
Equipment, Travel &  
Conference, Software,  
Facilities, Classified Staff,  
Faculty, Other):**

**Goal: Sustain Quality Indoor Programs**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Necessary to upgrade the gymnasium or to replace the facility with new gym. Equipment is old and some equipment is dangerous. New bleachers, scoring tables, doorway mats and other equipment is needed. A new facility would be the showcase for our athletic programs as well as enhance student learning.

**Action: Facilities Improvement**

**Describe the actions  
needed to achieve this  
objective:**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include a new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students.

**Who will be responsible for  
overseeing the completion  
of this objective:**

Ryan Schumaker

**Provide a timeline for the  
actions:**

As soon as possible.

**Describe the assessment  
plan you will use to know if  
the objective was achieved  
and effective:**

When we build new facilities.

**List resources needed to  
achieve this objective and  
associated costs (Supplies,  
Equipment, Computer  
Equipment, Travel &  
Conference, Software,  
Facilities, Classified Staff,  
Faculty, Other):**

District will need to provide for a bond measure specifically to build new facilities and improve existing ones.

**Goal: Sustain Quality Outdoor Programs**

To sustain a quality program it is necessary to update or replace some outdoor fixtures. These include additional beach volleyball courts, fencing for softball, new baseball dugouts, construct modular press box on east side of stadium, new stadium scoreboard, lower field rooms for teams, officials and our athletic training staff.

**Action: Facilities Improvement**

<b>Describe the actions needed to achieve this objective:</b>	To continue to improve and sustain quality instruction it is necessary to provide upgrades or new facilities in our outdoor exercise science area. Current facilities are inadequate to meet needs of students.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ryan Schumaker
<b>Provide a timeline for the actions:</b>	As soon as possible.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	When new facilities are completed.
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	District will provide bond measure specifically to build new facilities and improve existing ones.

**Goal: Closing Equity Gaps**

A review of success rates for the Exercise Science Department show equity gaps among African Americans/Blacks and Latinx groups. The gaps for both groups are consistently greater for the female population than the male population. It is a goal of the department to develop strategies to close these gaps.

<b>Action: Closing Equity Gaps</b>	
<b>Describe the actions needed to achieve this objective:</b>	Department will evaluate current gaps among African-American/Black and Latinx groups in order to create new strategies to close the gap in success rates.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ed Henschler and Kevin Hazlett
<b>Provide a timeline for the actions:</b>	2019-20 Academic Year
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	Yearly review of success counts, success rates and equity gaps available on DASHBOARDS.
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	This is a new goal requiring faculty inquiry. Our plan is to look this goal during spring semester of 2020. At this time it is unknown what resources are needed to achieve this objective.

Facilities, Classified Staff,  
Faculty, Other):

## GOAL STATUS REPORT (REQUIRED)

### Action Statuses

#### Exercise Science Program Goals 2018-19

Goal

##### Goal: Development of Certifications and Degrees

The Exercise Science department will develop new certificates in the area of athletics and develop new degrees in Recreation Administration Management and Health Promotions.

##### Action: Degree and Certificate Development

**Describe the actions needed to achieve this objective:**

Write necessary programs to offer Associate of Arts in Recreation Administration Management and Health Promotions as well as Certificates of Achievement in Athletics.

**Who will be responsible for overseeing the completion of this objective:**

Mesa Exercise Science faculty with oversight by Ed Helscher, Kim Lester, Steve Sanchez, Jim Fegan, Jake Portugal and Kelsey Graham.

**Provide a timeline for the actions:**

For the AA in Recreation and Administration, this proposal should be completed by Fall, 2020. For the Certificate of Achievement proposal, completion will Spring, 2020.

**Describe the assessment plan you will use to know if the objective was achieved and effective:**

All proposal will have been accepted by Mesa CRC and District CIC.

**List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel & Conference, Software, Facilities, Classified Staff, Faculty, Other):**

There are no associated costs.

##### Status for Degree and Certificate Development

**Current Status:** In Progress

**If the Current Status was marked Completed, what was the impact of the completed objective on**

**your program:**

**If the Current Status was not marked Completed, what are the implications and next steps:**

Partially achieved  
Completed Wellness Coaching and Aquatics CA's. Both CA's are in curriculum approval process.  
Degree in Recreation Management in early curriculum stages.

**Goal: Develop Student Pathways for Success**

Continue to work with campus to develop those pathways that students will follow for degrees and transfer, certificates and employment in the region, as well as help students develop strategies for lifelong healthy lifestyles.

**Action: Student Pathways**

**Describe the actions needed to achieve this objective:**

Develop student pathways to success for athletes, kinesiology majors, and students seeking certifications.

**Who will be responsible for overseeing the completion of this objective:**

Oversight will be by Ed Helscher and Sean Ricketts.

**Provide a timeline for the actions:**

Looking to have pathways in place by Spring, 2020.

**Describe the assessment plan you will use to know if the objective was achieved and effective:**

If pathways are in place and students are following.

**List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel & Conference, Software, Facilities, Classified Staff, Faculty, Other):**

No cost associated.

**Status for Student Pathways**

**Current Status:**

In Progress

**If the Current Status was marked Completed, what was the impact of the completed objective on your program:**

**If the Current Status was not marked Completed, what are the implications and next steps:**

Partially Achieved  
Department currently focusing on list of soft skills for Kinesiology majors. Also working on list of employment opportunities. Once both lists are completed the pathways for ADT and AS degrees as well as the CA for personal trainers will be

complete.

**Goal: Sustain Quality Sports and Exercise Science Programs**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. The L100 Building is one of the oldest on campus and badly needs to be replaced or renovated. Additional team locker rooms for both women and men are needed. Currently, women sometimes must give up their room to visiting men's teams and vice versa. Plumbing and electricity are in constant need of repair.

**Action: Facilities Improvement**

<b>Describe the actions needed to achieve this objective:</b>	To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ryan Schumaker
<b>Provide a timeline for the actions:</b>	As soon as possible.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	New facilities are completed .
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	The district will have to provide for a bond measure to specifically build new facilities and improve existing ones.

**Status for Facilities Improvement**

**Current Status:** Not started  
**If the Current Status was marked Completed, what was the impact of the completed objective on your program:**

**If the Current Status was not marked Completed, what are the implications and next steps:**

The need for new facilities in order to meet student needs and success is problematic because of lack of funding. It will be necessary for the district to support a new bond measure in order to build these new facilities.

**Goal: Sustain Quality Aquatics Program.**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Aquatics facility does not meet standards for competition in water polo and swimming and limits the expansion of programs. One diving board urgently needs to be replaced as the board is 7 years old. For safety concerns boards should be replaced every 5 years.

**Action: Facilities Improvement**

**Describe the actions needed to achieve this objective:**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include a new Aquatic Center. Current facilities are inadequate to meet needs of students and do not meet standards for intercollegiate competition.

**Who will be responsible for overseeing the completion of this objective:**

Ryan Schumaker

**Provide a timeline for the actions:**

As soon as possible.

**Describe the assessment plan you will use to know if the objective was achieved and effective:**

New facilities are completed.

**List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel & Conference, Software, Facilities, Classified Staff, Faculty, Other):**

District will have to provide for a bond measure specifically to build new facilities and improve existing ones.

**Status for Facilities Improvement**

**Current Status:**

In Progress

**If the Current Status was marked Completed, what was the impact of the completed objective on your program:**

**If the Current Status was not marked Completed, what are the implications and next steps:**

One diving board replaced and necessary to replace at later date second diving board. Current aquatic facility inadequate to meet the needs of students and does not meet standards for intercollegiate competition.

**Goal: Sustain Quality Indoor Programs**

To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include: new Aquatic Center, new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students. Necessary to upgrade the gymnasium or to replace the facility with new gym. Equipment is old and some equipment is dangerous. New bleachers, scoring tables, doorway mats and other equipment is needed. A new facility would be the showcase for our athletic programs as well as enhance student learning.

**Action: Facilities Improvement**

<b>Describe the actions needed to achieve this objective:</b>	To continue to improve and sustain quality instruction it is necessary to provide for new facilities which include a new Gymnasium, new Locker Rooms, new Performance Areas and office space. Current facilities are inadequate to meet needs of students.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ryan Schumaker
<b>Provide a timeline for the actions:</b>	As soon as possible.
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	When we build new facilities.
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	District will need to provide for a bond measure specifically to build new facilities and improve existing ones.

**Status for Facilities Improvement**

**Current Status:** In Progress  
**If the Current Status was marked Completed, what was the impact of the completed objective on your program:**

**If the Current Status was not marked Completed, what are the implications and next steps:**

Gym has been painted. Current facilities are inadequate to meet student needs. Upgrade or replacement of current facilities needed. Replacement of facilities dependent on new bond measure. In lieu of replacing current facilities, upgrades are necessary to bleachers, playing surface, scoring tables, doorway mats, and other gym equipment.

**Goal: Sustain Quality Outdoor Programs**

To sustain a quality program it is necessary to update or replace some outdoor fixtures. These include additional beach volleyball courts, fencing for softball, new baseball dugouts, construct modular press box on east side of stadium, new stadium scoreboard, lower field rooms for teams, officials and our athletic training staff.

**Action: Facilities Improvement**

**Describe the actions needed to achieve this objective:**

To continue to improve and sustain quality instruction it is necessary to provide upgrades or new facilities in our outdoor exercise science area. Current facilities are inadequate to meet needs of students.

**Who will be responsible for overseeing the completion of this objective:**

Ryan Schumaker

**Provide a timeline for the actions:**

As soon as possible.

**Describe the assessment plan you will use to know if the objective was achieved and effective:**

When new facilities are completed.

**List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel & Conference, Software, Facilities, Classified Staff, Faculty, Other):**

District will provide bond measure specifically to build new facilities and improve existing ones.

**Status for Facilities Improvement**

**Current Status:**

In Progress

**If the Current Status was marked Completed, what was the impact of the completed objective on your program:**

**If the Current Status was not marked Completed, what are the implications**

Fence for baseball field completed. New fencing still needed for softball, new baseball dugouts, modular press box on east side of stadium, new stadium scoreboard, lower field rooms for athletic teams, officials and athletic training



**and next steps:** staff.

**Goal: Closing Equity Gaps**

A review of success rates for the Exercise Science Department show equity gaps among African Americans/Blacks and Latinx groups. The gaps for both groups are consistently greater for the female population than the male population. It is a goal of the department to develop strategies to close these gaps.

**Action: Closing Equity Gaps**

<b>Describe the actions needed to achieve this objective:</b>	Department will evaluate current gaps among African-American/Black and Latinx groups in order to create new strategies to close the gap in success rates.
<b>Who will be responsible for overseeing the completion of this objective:</b>	Ed Helscher and Kevin Hazlett
<b>Provide a timeline for the actions:</b>	2019-20 Academic Year
<b>Describe the assessment plan you will use to know if the objective was achieved and effective:</b>	Yearly review of success counts, success rates and equity gaps available on DASHBOARDS.
<b>List resources needed to achieve this objective and associated costs (Supplies, Equipment, Computer Equipment, Travel &amp; Conference, Software, Facilities, Classified Staff, Faculty, Other):</b>	This is a new goal requiring faculty inquiry. Our plan is to look this goal during spring semester of 2020. At this time it is unknown what resources are needed to achieve this objective.

**Status for Closing Equity Gaps**

<b>Current Status:</b>	Not started
<b>If the Current Status was marked Completed, what was the impact of the completed objective on your program:</b>	
<b>If the Current Status was not marked Completed, what are the implications and next steps:</b>	Faculty inquiry will begin in the spring semester of 2020.



## Request Forms

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**CLASSIFIED POSITION, BARC AND FACULTY POSITION REQUEST**

## Reviewers

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### LIAISON'S REVIEW

**Form:** Instructional Program Liaison's Review 2019/20 UPDATE

### MANAGER'S REVIEW

**Form:** Instructional Program Manager's Review 2019/20 UPDATE

# Appendix

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- A. **2019/20 Program Review Outcomes and Assessment Section** (Form)
  - B. **2019/20 Program Review Instructional Program Analysis Section** (Form)
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# Form: "2019/20 Program Review Outcomes and Assessment Section"

**Created with :** Taskstream

**Participating Area:** Exercise Science

## **(REQUIRED) Program name**

Exercise Science

## **(REQUIRED) Are you on target with your assessment schedule?**

Program Learning Outcome Assessments are on schedule.

This year we are going to send a survey to all students that have declared themselves as a Kinesiology major.

Next year we plan to focus on those students that take courses in Health Education. Our plan is to start with those students that are in our Personal Training Program followed by each of the groups that we service: Athletics, Kinesiology majors, students in Health Education and end with a look at the general population.

Regarding Course Learning Outcomes, we plan to complete 20 more courses in the 18-19 academic year followed by 47 during the 19-20 year, 48 in 20 -21 and 9 courses in the 21-22 year. Additionally, we plan to have 21 new active courses by the 2020 academic year and plan to assess each of these courses during the 2020-2021 & 2021-2022 years. These courses appear on the Assessment Schedule.

## **(REQUIRED) What have your assessments revealed about your courses/programs/service area/school/division/office?**

Results have been positive, indicating a successful program. Numbers continue to increase for Personal Training and we have more than doubled the number in the cohort. We have spent this past year revising the Associates Degree to reflect current trends and student recommendations. We have added several new courses, deactivated several courses and added new Certificates of Achievement in Wellness Coaching and Aquatics. Both of these certificates are now in process as both have been supported by the Region X strong workforce group. We hope to be able to offer both by fall of 2020. Like the rest of the campus we have seen a overall decline in enrollment and understand the need to be relevant with our course/program offerings.

We continue to use many different sources of information including CLO and PLO assessments to determine course offerings, revise courses, and to offer additional courses in the online format. Last year we introduced our EXSC 126 course online and are currently considering EXSC 135 as an online option.

We still have a tremendous need for improved facilities such as the gym, aquatics area, and locker rooms. Additionally, to sustain the quality of our programs we need to add additional classified professionals as well as new faculty.

**(REQUIRED) Based on your assessments, what resource needs have you identified?**

- Budget
- Equipment
- Facilities
- Faculty
- Classified Professionals

**Please provide any other comments.**

Budget and Equipment: New equipment, uniforms, and state of the art diagnostic machines are needed if we want to continue to showcase our large cohort of student athletes. In addition, new diagnostic machines and training equipment will provide a better learning environment for our students in the Personal Training Program and those that are seeking a degree in Kinesiology.

Facilities: We are desperately in need of a new aquatic center. The current center is not college certified. Also, the gym and locker rooms need to be replaced.

Faculty: We are in need of several new faculty members including coaches (men's basketball, softball, baseball, football assistant, track assistant, strength and conditioning) and those that are well versed in Aquatics, Training and Wellness Coaching.

Classified: The survey also showed a need for additional classified personnel as athletes are constantly being asked to set up or take down equipment as part of an athletic contest. Additionally, our athletes report that many facilities as well as athletic equipment are in disrepair which creates a skills learning problem as well as potential safety issues. We also have a need for a full time Sports Information Director. Currently, this job is held by a part time SID and hosting 21 sports on campus makes it almost impossible to give equal time to each sport.

# Form: "2019/20 Program Review Instructional Program Analysis Section"

Created with : Taskstream

Participating Area: Exercise Science

## Program Name

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**(REQUIRED) Type your program name.**

Exercise Science

**Part A: In this section, please analyze your program in terms of course success metric. Start by disaggregating the available data by race, gender, and any other parameters of interest to your program and answer the following questions.**

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**(REQUIRED) A1. What patterns do you notice with regard to equity in course success at the program level by race/ethnicity?**

You may also conduct analysis by course and/or by modality.

Equity Gap: When a group of students who share a common characteristic (e.g. race/ethnicity) have lower access and/or outcome rates than their peers. The size of the equity gap along with the size of the group determine whether that gap is significant. Larger groups should, statistically, have smaller gaps and therefore when gaps are present (even small ones) they may be significant. Smaller groups will see wider variation in outcomes, therefore gaps should be seen consistently over time and/or reviewed by looking at multiple years in aggregate to determine if they are significant.

In the Exercise Science/Health Education/Athletic program there is a consistent gap in success rates for African-American/Black and LatinX students. The gap is greater for female students within these two groups than for male students. For the last five years the gap for African-American/Blacks has declined as much as -3%. Female African-American/Black students success rate is much lower than males. The males have zero gaps and females show a -8% change over the years. The success rate for LatinX students shows no overall changes and as for the last four years the equity gap has remained at a -1% rate. LatinX students success is much the same as that of African-American/Black students with female students showing a -5% success gap and male students showing a +2% success gap.

Exercise Science and Health Education each have Lab and Lecture courses. In looking primarily at lecture courses, the gender gap between both African-American/Black students and LatinX students the gap is significantly greater with African-American/Black females showing a -15% gap and males showing a -18% gap. With lecture courses only for the LatinX groups, males show a -7% gap and females a -4% gap.

These gaps are of concern and strategies to decrease the gaps are currently being discussed within the department.

We also notice great fluctuation in the Pacific Islander, Filipino, and Native American group as well as consistent positive gaps in Asian and White groups.



**(REQUIRED) A2. Do these patterns persist over time (e.g., look at the last five years)? Describe if equity gaps are increasing, decreasing, or staying the same?**

Gaps appear to be very consistent over time with the exceptions of Pacific Islander, Filipino and Native Americans. This may be due to the fluctuation in head counts for these two groups.

Our department has seen some closing of the equity gap among LatinX over the last 5 years moving from a -3% gap to a -1% gap currently.

**(REQUIRED) A3. What factors may have influenced these results? What are your most significant findings?**

The factor most often identified by faculty is the cost of textbooks. Our recent discussions have been about textbook access. Some faculty have taken it upon themselves to investigate OER as a solution to this issue. Secondly, we have discussed the better use of Canvas and the tools provided by that platform. We are still in the early stages of discussions related to equity and student success.

**(REQUIRED) A4. How have you/might you alter practices to increase student success and reduce equity gaps?**

The Exercise Science, Health Education, and Athletics department is currently looking at strategies for faculty to address the current equity gap. We are looking into holding workshops that may help us more clearly understand current gaps including why these gaps exist as well as bringing new ideas to the faculty to help student learning. Some of the current ideas for workshops are: What is Equity?, Bring back NCORE, How to Read DASHBOARDS, Equity Minded Practices - Talking about Race in a Meaningful Way, and Use of multiple measures to assess student performance and Strategies for Equitable Classroom Management. Our desire is to host at least one workshop this spring and then to re-evaluate where we need to be as a department.

The department offers a wide array of courses at different times to address student needs. Staffing and facilities continue to be issues related to meeting the needs of students including those with disabilities. The Exercise Science and Athletic environment affords students of different cultural backgrounds the opportunity to interact and collaborate in a learning setting different from the traditional classroom. Our goal is to create a learning environment where the students feel a greater connection to the campus and faculty with the desire to facilitate student learning and student retention.

We have also expanded our Adapted Exercise Science Program to afford those students with performance limitations an opportunity to participate in physical activity.

**(REQUIRED) A5. How does your program contribute to the College's identity of being a Hispanic Serving Institution?**

The single largest group identified by the students themselves that our department serves is the LatinX population. Over the last five years, 36% of student-athletes identified as LatinX. This is the same average of the student population that take courses in Exercise Science and Health Education. In the most recent academic year 153 student-athletes identified as LatinX. These students by the CCCAA eligibility rule must have full time status in order to be eligible to compete at the intercollegiate level.

**(REQUIRED) A6. Have you identified resource needs? If yes, please list.**

Our department is just now beginning a dialogue about equity gaps. We are currently formulating strategies that we envision will close the existing gaps. We are looking at workshops that we can offer within the department which will include presentations on What is Equity, Bringing back NCORE, How to Read DASHBOARDS, Creating Equity Minded Syllabi, etc. The cost of these workshops is unknown at this time.

**(REQUIRED) A7. Do any of your program goals address these implications or needs? If not, please develop a new goal that addresses your findings and subsequent reflection.**

We have just completed our department goals and although we have not focused on equity gaps in the past, we currently recognize the need to create a goal for equity. With that being said, the new goal for this academic year is:

Closing Equity Gaps-

A review of success rates for the Exercise Science Department shows equity gaps among African Americans/Blacks and LatinX groups. The gaps for both groups are consistently greater for the female population than the male population. It is a goal of the department to develop strategies to close these gaps.

**Part B: In this section, look at the area of focus you identified in last year's program review and answer the following questions.**

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**(REQUIRED) B1. How have you developed this focus? Are you seeing any results? What are your next steps?**

Last year's areas of focus included: use of resources and facilities, exploration of employment trends, recruitment of student and student-athletes to our program, and current policies to transfer to a four year institution.

We continue to find new sources of financial assistance, volunteers, donations, and equipment. This does not meet all student needs, and the department will continue to focus on resources and advocate for improved or new facilities. The department has spent time during the past year to explore current employment trends in the area of Exercise Science which has led our department to create new programs in Coaching Wellness and Aquatics. We will continue to explore employment trends and potentially create new programs in Health Performance and Recreation Management.

Our recruitment of student athletes has resulted in increased numbers of athletes in the following programs: Badminton, Cross Country, Beach Volleyball, Track and Field, and Men's Volleyball. Our hope is to continue to recruit student-athletes and increase numbers in racket sports.