

Project
AR&VR Anim
Narrative (100-300 Words):
Augmented Reality and Virtual Reality are cutting edge fields in the world of animation. But they extend far beyond animation and impact all of the STEM fields as well as many other disciplines including architecture, agriculture, aviation, photography, and medicine. Collaboratively with each of these disciplines at Mt. SAC—this work is already underway. No community college has a dedicated AR and VR; this is an opportunity for Mt. SAC to lead the field, placing our graduates in good paying jobs (the Otis Report projects several thousand new positions in the next three years and according to the U.S. Department of Labor these positions will be in high demand).
Audio
Narrative (100-300 Words):
The audio production and post-production industry, which includes audio production and post-production for film, television, theater, and sound design for animation, is a quickly growing field. Projections in the 2015 Otis Report on the Creative Industries show over 142,000 jobs in the entertainment industry, an increase of over 6% since 2010. Many of these positions will be in high wage, according to the Otis Report is over \$57,000 a year for sound engineering technicians. In addition, as noted in the report, the industry which relies heavily on audio technicians, enjoys annual revenues of over \$7 billion, and this segment of the entertainment industry is projected to grow by 14% in the next three years.
Applied Photo "Drones"
Narrative (100-300 Words):
Unmanned aerial vehicle systems or “drones” is a recently developed technology that, as an industry, has been exploding in popularity. The Association for Unmanned Vehicle Systems International, between 2015 and 2017, in California there will be 12,214 jobs in this booming industry. Unmanned aerial systems are now used in many industries including agriculture, law enforcement, emergency services, telecommunication, weather monitoring, oil and gas exploration, architecture, environmental monitoring as well as in the military. Applications are nearly unlimited provided the drone has either a still camera or a video camera appropriate to the application.
Graphic Design
Narrative (100-300 Words):
This plan will provide for the creation of a professional-level production and post-production facility for the Graphic Design Department. Under supervision and in coordination with our Marketing Department, our most advanced students will perform professional design needs of divisions, departments and program all over the campus. Graphic Design students who complete this program will gain experience, making them more competitive in the jobs marketplace. Similarly, this experience will help those students who transfer to the highest-level schools.
Tech Theater
Narrative (100-300 Words):
Technical Theater will be a new program at the Mt. SAC campus. We have a growing and robust Theater Department and our students have—through our Theater Department—a technical theater program. Employment in technical theater is solid. The Otis Report on the Creative Industries shows jobs in the LAOC area for the visual and performing arts. Moreover, this area is projected to grow by 14% in the next three years that will provide good jobs for our graduates. Moreover, there are numerous four year programs in the field for which our graduates can decide to transfer.
Television

Narrative (100-300 Words):

For decades, television and video engineers came through the old Hollywood apprentice system. For a variety of reasons, the system, but the times are changing. As confirmed in the Otis Report on the Creative Economy 2015, there is a great need for training in the industry. This has been driven in part by the rapidly changing technology used in the broadcasting industry. The old system of training for television engineers has fallen to community colleges. Creating a Television Engineering program at Mt. SAC will help the state in training these new technicians and aid the Arts Division in expanding our connections to the entertainment industry.

TAX**Narrative (100-300 Words):**

Development of a New Tax Program at Mt. SAC:

Purpose: To put Mt. SAC on the map as one of the leading tax education providers, approved by the California Tax Education Council. The program is segregated into two categories, a CTEC certification course, and 2 VITA (Volunteer Income Tax Assistance) courses. The first stage of a longer term goal to create a Mt. SAC Tax Achievement Certificate. This Tax Certificate will be a requirement for the Enrolled Agent License. Below are descriptions of each course and plan for development:

CHILD**Narrative (100-300 Words):**

The Child Development Internship is a two-year CTE program that provides a formal educational pathway paired with a Child Development Center. Students will be enrolled in a minimum of 6 units each semester leading towards the Child Development Associate (CDA) credential. Students will engage in supportive mentoring, training, coaching and professional development that are essential for the early childhood workforce. Students will develop crucial workplace competencies through systematic evaluation regarding communication, language development, early classroom environments, special needs and inclusion, screening and assessment, leadership, and professional development.

**HOTEL RESTAURANT MNGT-
CULINARY ARTS****Narrative (100-300 Words):**

To successfully operate a student run restaurant, a culinary market, and expand the CA offerings by 10 courses. We need a budget, new equipment, and a marketing budget to promote the program. Annual professional development for food and Culinary industries are ever changing. An annual marketing budget will initially allow us to capture students that have had to close their doors. Once the student run restaurant is running it should be able to cover the program. The program will allow us to produce workforce ready students. The program is designed in a way that students can continue their education at Mt. SAC.

PARALEGAL E-CERTIFICATION**Narrative (100-300 Words):**

Support is sought to have a subject matter expert, who practices in the area of e-discovery/document review/litigation, develop a course certificate that will prepare working individuals and paralegals for a career working in e-discovery and in litigation. This certificate that would ideally be taken concurrently with or after the student has completed a paralegal studies certificate.

Initially, funds will be used to pay for the curriculum to be developed in this program and then to staff the classes.

HEALTH CAREERS

Narrative (100-300 Words):

The School of Continuing Education Short-Term Vocational department will expand the health careers pathway. The programs identified by the Regional Adult Education Consortium. These training programs will be designed to provide the individuals with employment skills in a short period of time for immediate entry into the health careers workforce. The programs are Physical Therapy Aide and Occupational Therapy Aide. Both of these programs can be entry level careers in our Health Care field. Physical Therapist, Psychiatric Technician, or RN. The programs, one of which is already moving towards approval from the Chancellor.

REGISTERED VETERINARY TECHNICIAN PROGRAM**Narrative (100-300 Words):**

To meet labor market demand, Mt. SAC must increase completers in the Registered Veterinary Technician program. The number of sections taught, particularly in second year classes with limited enrollment. Increases in full-time and adjunct faculty and equipment will also be required. Specifically we need to increase the number of animals used to support the program. Currently existing sow pens, a new, larger kennel facility for dogs, and improvements in our vivarium. Increased costs for housing. Included in this proposal is the addition of a full time job developer to serve the RVT program. We have planned the following:

HISTOTECHNICIAN PROGRAM**Narrative (100-300 Words):**

The Histotechnician Program is the only public program on the West Coast. The program and its graduates are highly in demand. There is a high market demand for Histotechnicians. Due to the cohort nature of the program, we need to double our output to increase enrollment. We will establish more clinical sites, develop additional faculty, and improve supply budgets and classified support. We also need more sections available to support the growth of the program as well as Nursing and Respiratory Therapy. There is a long-term Bachelor's Degree for even higher earning potential for our students. Histotechnicians are a highly specialized sub-field of the health care industry.

GEO TECH PROGRAM**Narrative (100-300 Words):**

The Centers of Excellence report on geological technician confirms a strong need for completers in this area, especially in the field. The first two years of this plan involve curriculum development, site location development, and recruitment. We will open the program with entry level courses, requiring funds for equipment, materials, and supplies.

UAS**Narrative (100-300 Words):**

The purpose of the proposal is to establish a path to certification for drone pilots (remote pilots) and develop the unmanned aerial vehicles (UAVs), additionally the program completer will be hired as an expert Master Consultant in the field of photography, Search & Rescue, Environmental Inspection; to name just a few of the many opening fields for drone use. Mt. SAC van to transport drones, 10 Multi-rotor UAS Basic trainers, 10 Multi-rotor UAS- First Person View, 10 Multi-rotor UAS Aerial Video Drones, 2 Fixed wing UAS Basic trainers, One Fixed wing UAS Sensor drone. Will need to recruit faculty and reassign full-time faculty for curriculum development and teaching.

WELDING
Narrative (100-300 Words):
Evening Welding program is hampered by the lack of a full time lab technician. The program is currently relying on the presence of a lab technician in the evening, serving as an extension for the faculty members, will allow the program offered is currently limited for safety and security reasons.

New Program Or Expansion Program?		3 Year Budget Totals	
ARTS			
New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$51,700.00
id animation created for entertainment; they raphy, and more. Our plan is to work as emerged as the leader in training animators in Creative Economy Report projects an increase of ions will pay in excess of \$30 per hour);		Conference & Travel	\$0.00
		Equipment	\$229,010.00
		Facilities	\$300,000.00
		Marketing	\$0.00
		Other	\$2,500.00
New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$59,200.00
/TV, music recording, live sound, sound design for ative Economy project that by 2019 there will be e filled by audio technicians. The annual median in the attached article, the live music industry, tainment industry is rapidly growing. Because there		Conference & Travel	\$0.00
		Equipment	\$125,500.00
		Facilities	\$300,000.00
		Marketing	\$0.00
		Other	\$61,500.00
New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$345,858.00
ponentially expanding. According to the 92 new positions created and \$2.4 billion invested orcement, surveying, landscaping, as in search and rescue operations. The e application. In the photography field, new		Conference & Travel	\$0.00
		Equipment	\$79,500.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$9,600.00
New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$236,115.00
ic Design program and its students. With faculty sional duties on projects that support the graphic the program will have a professional portfolio and lents transferring to four-year schools compete at		Conference & Travel	\$0.00
		Equipment	\$35,000.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$0.00
New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$46,000.00
ent. However, we lack what the top Theater : Creative Economy reports there are over 34,000 ext three years. This is steady, sustained growth hich our graduates will also be prepared should		Conference & Travel	\$0.00
		Equipment	\$44,500.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$1,150.00
New Program	Expansion Program	Type	Cost (\$)

	X	Personnel	\$250,000.00
reasons, this is the last bastion of that former ater demand for TV and video engineers, which has ng is no longer able to keep up with the demand or am at Mt. SAC will allow the college to lead the nt, film, television and Internet industries. Given		Conference & Travel	\$2,000.00
		Equipment	\$65,000.00
		Facilities	\$10,000.00
		Marketing	\$0.00
		Other	\$1,500.00

BUSINESS

New Program	Expansion Program	Type	Cost (\$)
X	X	Personnel	\$30,200.00
Education Council (CTEC). This program is s. The development and implementation of these e will prepare students for the IRS recognized		Conference & Travel	\$0.00
		Equipment	\$16,390.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$0.00

New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$114,285.00
with extensive on-the-job training at the Mt. SAC completion of AS or AS-T in Child Development. for preparing emerging professionals for the early ding family and community engagement, dual- ndership and professionalism.		Conference & Travel	\$0.00
		Equipment	\$8,000.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$0.00

New Program	Expansion Program	Type	Cost (\$)
X	X	Personnel	\$781,520.00
ve will need additional lab techs, an increased food faculty is also important, since both the Hospitality at would have once enrolled in one of the profit ne cost of maintenance and utility costs. The new complete culinary courses in 1 year.		Conference & Travel	\$18,841.00
		Equipment	\$92,300.00
		Facilities	\$0.00
		Marketing	\$141,000.00
		Other	\$0.00

New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$22,400.00
ation support, develop the curriculum for this four- igation support. This certificate is a skills-building rtificate or degree here or elsewhere. as they begin to be taught in the second year of		Conference & Travel	\$10,000.00
		Equipment	\$3,500.00
		Facilities	\$0.00
		Marketing	\$23,000.00
		Other	\$0.00

SCHOOL OF CONTINUING EDUCATOIN

New Program	Expansion Program	Type	Cost (\$)
-------------	-------------------	------	-----------

X		Personnel	\$318,250.00
The programs will fill the gaps in healthcare training for the unemployed, underemployed, and low-skilled workforce and career ladder. The new programs include Health Careers ladder. Students could enroll in CNA, and the Career Center's Office, will result in students earning a		Conference & Travel	\$0.00
		Equipment	\$129,670.00
		Facilities	\$250,000.00
		Marketing	\$25,000.00
		Other	\$0.00

NATURAL SCIENCES

New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$448,288.00
To achieve this we will need to increase the adjunct faculty, technician support, supply budgets, and program. This will necessitate upgrades to our housing and care of animals are also expected. The renovation of an existing building into a new,		Conference & Travel	\$7,500.00
		Equipment	\$80,000.00
		Facilities	\$275,000.00
		Marketing	\$5,000.00
		Other	\$55,000.00

New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$187,500.00
Highly successful, but we are not meeting labor needs to increase the number of completers. We will need to also need to increase the number of Chemistry and Biology range potential for this program to develop a set of Medical Lab Technicians, and there is		Conference & Travel	\$4,500.00
		Equipment	\$20,000.00
		Facilities	\$0.00
		Marketing	\$4,500.00
		Other	\$0.00

New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$0.00
Specialty within two year degree/certificate program. In the third year, we should be able to		Conference & Travel	\$3,000.00
		Equipment	\$25,000.00
		Facilities	\$60,000.00
		Marketing	\$3,000.00
		Other	\$0.00

TECH & HEALTH

New Program	Expansion Program	Type	Cost (\$)
X		Personnel	\$156,565.00
Skills necessary for the commercial usage of small, unmanned aircraft for drone use in such areas as agriculture, law enforcement, etc. Included in this proposal are equipment and software, 10 Multi-rotor UAS Camera Drones, 5 Multi-rotor UAVs, and the simulation lab. Backfill with an adjunct		Conference & Travel	\$21,000.00
		Equipment	\$334,900.00
		Facilities	\$120,000.00
		Marketing	\$0.00
		Other (warranty)	\$72,000.00

New Program	Expansion Program	Type	Cost (\$)
	X	Personnel	\$149,565.00
on student hourly assistance for the night program. ogram to expand as the number sections being		Conference & Travel	\$0.00
		Equipment	\$0.00
		Facilities	\$0.00
		Marketing	\$0.00
		Other	\$0.00

One time Or		Outcomes:		
One Time	On going	Growth	Employment	Program Quality
X	X \$16,000	X		X
X				
X				
	X \$500			
One Time	On going	Growth	Employment	Program Quality
X	X \$41,500	X		
X				
X				
X				
One Time	On going	Growth	Employment	Program Quality
X	X \$158,423	X		X
X				
	X \$300			
One Time	On going	Growth	Employment	Program Quality
	X \$94,446		X	X
X				
One Time	On going	Growth	Employment	Program Quality
	X \$16,000	X		X
X				
	X \$200			
One Time	On going	Growth	Employment	Program Quality

	X \$124,00	X		X
	X			
X				
X				
	X \$500			
One Time	On going	Growth	Employment	Program Quality
	7800	X		
	3530			
One Time	On going	Growth	Employment	Program Quality
	54680	X		X
X				
One Time	On going	Growth	Employment	Program Quality
	392500	X		X
X				
	52800			
X				
One Time	On going	Growth	Employment	Program Quality
X		X		X
X				
X				
X				
One Time	On going	Growth	Employment	Program Quality

	\$ 106,083	X	X	
	\$ 43,223			
\$ 250,000				
	\$ 8,333			

One Time	On going	Growth	Employment	Program Quality
	203,334	X		
	2,500			X
X		X		X
X		X		X
X		X		
40,000	15,000	X		X

One Time	On going	Growth	Employment	Program Quality
	74,800	X		
	1,500			X
X				X
X		X		

One Time	On going	Growth	Employment	Program Quality
X				X
X		X		X
X		X		X
X		X		

One Time	On going	Growth	Employment	Program Quality
\$156,565.00	\$59,826.00	X	X	
\$21,000.00		X	X	
\$334,900.00		X	X	
\$120,000.00		X	X	
		X	X	
\$72,000.00	24,000	X	X	

One Time	On going	Growth	Employment	Program Quality
\$149,565.00	\$59,826.00	X	X	X