

Mesa Achieves Higher Education Task Force

November 4, 2019

1:00pm

Mesa City Plaza

20 E. Main Street, Mesa, Arizona

Room 170 East and West

Appointed Task Force Members

Co-Chair Councilmember Francisco Heredia

Co-Chair Councilmember Jen Duff

Dr. Richard Haney, Mesa Community College

Jon Schmitt, ASU Asst VP, Ed Outreach & Student Services

Dr. Ember Conley, MPS Superintendent

Elaine Miner, MPS Governing Board President

Dr. Shane McCord, GPS Superintendent

Mike Hutchinson, Executive VP, East Valley Partnership

Jaye O'Donnell, Asst Economic Development Director, City of Mesa

Deanna Villanueva-Saucedo, MCC Community Engagement Director

Vince Yanez, Helios Senior VP of Community Engagement

1. Call to Order.
2. Items from citizens present.
3. Hear a presentation and discuss Promise Program costs and assumptions, Dr. Haney, President, Mesa Community College.
4. Review and discuss the “Mesa Achieves Higher Ed Data Dashboard” draft, Sheila Arredondo.
5. Identify and discuss desired requirements, potential funding sources, and implementation strategies for a Promise Program.
6. Review and discuss the Achieve60AZ Actions to 60 Percent and identify items the City of Mesa is best positioned to support.
7. Review and discuss Task Force binder items, meeting notes, and asset inventory to determine any additional actions the City might support.
8. Review and discuss draft recommendations to Council.
9. Discuss and provide direction, authorizing Co-Chair Duff and Co-Chair Heredia to review and approve the minutes from today’s meeting and forward to the City Council for acknowledgment.
10. Adjourn.

Agenda Item 3

Preliminary Draft of Mesa Promise Cost Estimates

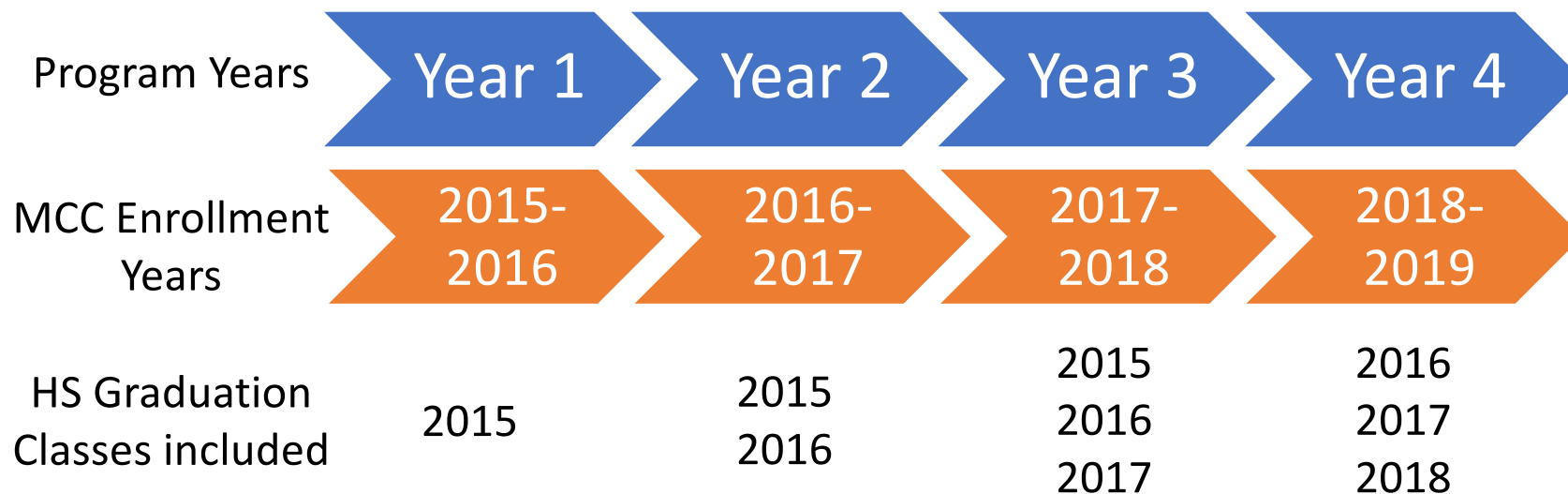
Methods

- Preliminary Estimates based on historical student records and prior student behavior
- High school graduates from City of Mesa high schools:
 - Graduated between 2015 and 2018
 - Attended MCC between 2015 and 2019
 - Received Pell Grant



Methods

- 4-Years of draft cost estimates from year 1 as start of program.
- Students can participate for three years.



Methods

- Draft Eligibility Parameters
 - High School GPA
 - Gap between HS graduation and college enrollment
 - MCC cumulative GPA
 - MCC attempted credits per term
 - MCC credits earned per year
 - No MCC President's Scholarship Award

Other considerations

- First Dollar vs Last Dollar
 - First dollar model pays full tuition plus stipend amount
 - Last dollar model pays any gap between Pell award and tuition, plus stipend amount
- Unknown High School GPAs
 - MPS provided HS GPAs of MCC students from 2015-2019
 - HS GPAs of graduates outside of MPS unavailable prior to 2019
 - Based on 2019 GPA data, most would qualify (HS GPA >2.5)
 - Recommendation: Include students with unknown HS GPA in estimate

Other Considerations Continued

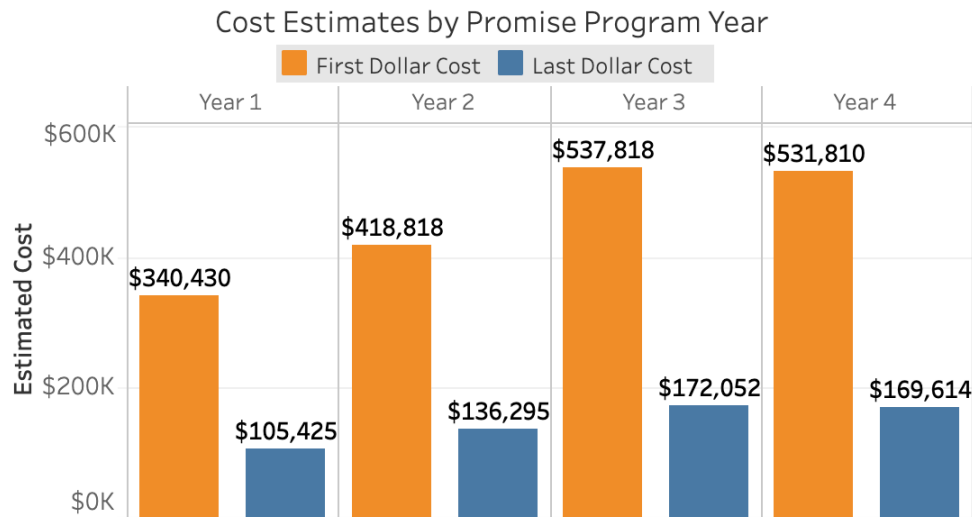
- President's Honors Scholarship
 - Covers full Fall/Spring tuition for entering students with 3.25+ HS GPA.
 - Students who received this award were excluded from the analysis.
- Estimated student enrollment/retention increase
 - The program may incentivize increased HS to MCC matriculation or increased MCC retention and completion.
 - Difficult to estimate or predict
 - Option to model an across-the-board % increase to program participation

Draft Estimates – Initial Base Scenario

Parameters

HS to College Gap	No Gap
Minimum HS GPA	2.50
MCC Enrollment	Full-time (12+ credits)
MCC Earned Credits/Year	24+ earned/year
Minimum MCC GPA	2.50
Stipend Amount	\$500 per Fall/Spring term
Unknown HS GPAs	Included

Draft Estimates – Initial Base Scenario



Year	# Students	First Dollar Cost	Last Dollar Cost
1	144	\$340,430	\$105,425
2	171	\$418,818	\$136,295
3	208	\$537,818	\$172,052
4	214	\$531,810	\$169,614
Tot	614	\$1,828,875	\$583,386

Exploring some other scenarios...

- Gap between HS and college
- HS GPA
- MCC GPA
- Estimated student increases
- Stipend amounts
- Relaxed and strict parameter scenarios
- Others?

Gap Between HS and College



Gap Between HS and College – Last Dollar

- Average additional cost per year to allow gap between HS and college:
 - 1-Year Gap: \$27,206 (seen in years 2, 3, 4 of draft model)
 - 2-Year Gap: \$42,883 (seen in years 3, 4 of draft model)

Last Dollar Draft Scenarios – HS GPA

	2.00 HS GPA	2.25 HS GPA	Initial Scenario (2.50 HS GPA)	2.75 HS GPA	3.00 HS GPA
Year 1	\$154k	\$127k	\$105k	\$76k	\$60k
Year 2	\$175k	\$155k	\$136k	\$102k	\$70k
Year 3	\$225k	\$202k	\$172k	\$130k	\$102k
Year 4	\$225k	\$203k	\$170k	\$126k	\$94k
Total \$	\$780k	\$688k	\$583k	\$434k	\$325k
# Students	844	741	614	448	337

Last Dollar Draft Scenarios – MCC GPA

	2.00 MCC GPA	Initial Scenario (2.50 MCC GPA)	3.00 MCC GPA
Year 1	\$105k	\$105k	\$105k
Year 2	\$139k	\$136k	\$127k
Year 3	\$174k	\$172k	\$158k
Year 4	\$172k	\$170k	\$157k
Total \$	\$590k	\$583k	\$547k
# Students	614	614	606

< Limited impact

Last Dollar Draft Scenarios – Estimated increased enrollment

	Initial Scenario (0% increase)	10% increase	20% increase	30% increase
Year 1	\$105k	\$115k	\$127k	\$137k
Year 2	\$136k	\$150k	\$163k	\$177k
Year 3	\$172k	\$189k	\$207k	\$223k
Year 4	\$170k	\$186k	\$204k	\$220k
Total \$	\$583k	\$641k	\$700k	\$758k
# Students	614	675	737	798

Last Dollar Draft Scenarios – Stipend Amounts

	No Stipend	\$250/term	Initial Scenario (\$500/term)	\$750/term	\$1000/term
Year 1	\$3k	\$54k	\$105k	\$157k	\$208k
Year 2	\$11k	\$74k	\$136k	\$199k	\$262k
Year 3	\$13k	\$92k	\$172k	\$252k	\$332k
Year 4	\$12k	\$91k	\$170k	\$249k	\$328k
Total \$	\$38k	\$311k	\$583k	\$856k	\$1.13mil
# Students	614	614	614	614	614

Last Dollar Draft Scenarios – Relaxed Parameters

Parameters

HS to College Gap	2-Year Gap Allowed
Minimum HS GPA	2.0
MCC Enrollment	Full-time (12+ credits)
MCC Earned Credits	21+ earned/year
Minimum MCC GPA	2.0
Stipend Amount	\$500 per Fall/Spring term
Unknown HS GPAs	Included
Estimated % Student Increase	30%

	Initial Scenario (2.5 GPA)	Relaxed Scenario
Year 1	\$105k	\$200k
Year 2	\$136k	\$292k
Year 3	\$172k	\$397k
Year 4	\$170k	\$398k
Total \$	\$583k	\$1.29m
# Students	614	1,336

Last Dollar Draft Scenarios – Strict Parameters

Parameters

HS to College Gap	No Gap Allowed
Minimum HS GPA	3.0
MCC Enrollment	Full-time (12+ credits)
MCC Earned Credits	24+ earned/year
Minimum MCC GPA	3.0
Stipend Amount	\$500 per Fall/Spring term
Unknown HS GPAs	Included
Estimated % Student Increase	10%

	Initial Scenario (2.5 GPA)	Strict Scenario
Year 1	\$105k	\$65k
Year 2	\$136k	\$75k
Year 3	\$172k	\$104k
Year 4	\$170k	\$97k
Total \$	\$583k	\$340k
# Students	614	366

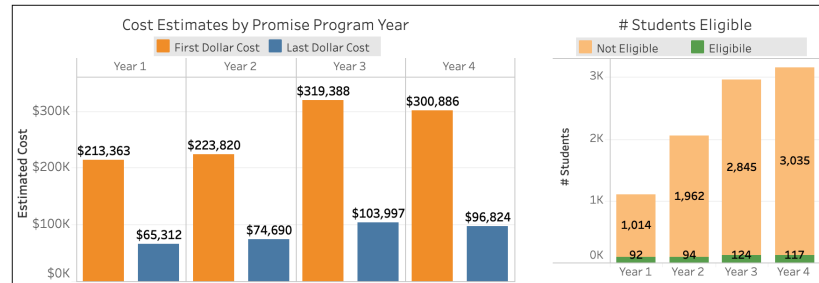
Questions?

Mesa Promise Cost Estimate

This dashboard models promise program cost estimates based on actual records of MCC students attending between 2015 and 2019. The included student records are limited to graduates from high schools located in the City of Mesa who graduated between 2015 and 2018. Use the filters on the right side of the dashboard to adjust eligibility settings and cost estimates.

Cost Estimates (based on filter selection)

Promise Year	# Students	First Dollar Cost	Avg First Dollar Cost per Student	Last Dollar Cost	Avg Last Dollar Cost per Student
Year 1	92	\$213,363	\$2,319	\$65,312	\$710
Year 2	94	\$223,820	\$2,381	\$74,690	\$795
Year 3	124	\$319,388	\$2,576	\$103,997	\$839
Year 4	117	\$300,886	\$2,572	\$96,824	\$828
Grand Total	366	\$1,056,072	\$2,885	\$340,352	\$930



Some considerations in reading the data on this page:

- The base cohort for consideration contains graduates from high schools within the City of Mesa who received a Pell grant award. Default eligibility parameters are: 2.5 HS GPA, 2.5 continuing MCC GPA, 12 attempted credits per term, 24 earned credits per year, no gap allowed between HS graduation and college enrollment, inclusion of unknown GPAs, and a \$500 per semester stipend.
- The number of students in this model will grow each as additional cohorts of HS graduates enter the program. In the program's first year, only one cohort of graduates will enter the program. In year two, the second cohort of graduates will enter. From year three onward, the program will always include three cohorts (years) of high school graduates because students may participate in the program for a maximum of three years.
- The grand total number of students in the table column is an unduplicated count and will not equal the sum of students participating each year since some students attend for multiple years.

Eligibility Parameters

Allow gap years between High School and MCC?
No Gap

Minimum High School GPA
3.00

Minimum attempted hours per term to enter and remain eligible
12

Minimum annual credits earned to remain eligible
24

Minimum MCC GPA required to remain eligible
3.00

Stipend amount per semester (fall/spring)
\$500

Estimated % increase of student enrollment
10%

Include unknown HS GPAs?
Most GPAs for graduates outside MPS are unknown prior to 2019. So, it is suggested to include these unknown GPAs since many will likely qualify.

Include unknown HS GPAs

Default eligibility parameters:

- 2.5 HS GPA
- 2.5 continuing MCC GPA
- 12 attempted credits per term
- 24 earned credits per year
- No gap allowed between HS graduation and college enrollment
- Inclusion of unknown HS GPAs
- \$500 per semester stipend.

Agenda Item 4

Education Dashboard – City of Mesa

Part 1 – 2018 District Level Indicators

Indicators		Mesa Public Schools
Total Student Enrollment 62,820	African American	2,716 (4.32%)
	Asian	849 (1.35%)
	Hispanic	27,669 (44.05%)
	Multiple Races	1,461 (2.33%)
	Native American	2,610 (4.16%)
	Pacific Islander	455 (0.72%)
	Unknown	13 (0.02%)
	White	27,047 (43.05%)
Graduation Rate 75.86%	Female	80.8%
	Male	71.25%
	African American	70.83%
	Asian	80.18%
	Hispanic	69.62%
	Native American	61.58%
	Pacific Islander	73.33%
	White	82.6%
	Multiple Races	63.64%
	English Learners	20.9%
	Low SES	69.73%
	Migrant	81.25%
	Special Education	58.44%
Total Number of Educators 3,639 Title I=2,146 Non-Title I=1,493	Number (percent) of teachers, principals, and other school leaders who are inexperienced [Title I & Non-Title I schools]	877 (24.1%) [566 (26.37%)] [311 (20.83%)]
	Total number of teachers [Title I & Non-Title I]	3,528 [2,083 & 1,445]
	Number (percent) of teachers who have emergency or provisional credentials	1 (0.03%)
	Number and percent of out-of-field teachers	195 (5.53%)
Drop-out Rate 1,017 out of 34,258 (2.97%)	Female (n=16,825)	411 (2.44%)
	Male (n=17,433)	606 (3.48%)
	African American (n=1,759)	63 (3.58%)
	Asian (n=607)	12 (1.98%)
	Hispanic (n=14,938)	545 (3.65%)
	Native American (n=1,588)	82 (5.16%)
	Pacific Islander (n=190)	3 (1.58%)
	White (n=14,575)	301 (2.07%)
	Multiple Races (n=551)	9 (1.63%)
	English Learners (n=1,321)	3 (0.23%)
	Low SES (n=17,575)	496 (2.82%)
	Migrant (n=13)	0
	Special Education (n=4,443)	130 (2.93%)

Data retrieved from <https://azreportcards.azed.gov/districts/detail/4235>

Education Dashboard – City of Mesa

Part 2 – 2018 Arizona Progress Meter State, County and City Indicators

Indicators and Definitions		Arizona	Maricopa	Mesa
Quality Early Learning Goal 45%	Percent of 3- and 4-year old children that are in quality early learning settings	24%	NA	33% (MRT data)
Third Grade Reading Goal 72%	Percent of 3 rd grade students who scored Proficient or Highly Proficient on the AzMERIT 3 rd grade ELA assessment	44%	46%	45%
Eighth Grade Math Goal 69%	Percent of 8 th grade students prepared to be successful in high school math, as measured by students passing the 8 th grade AzMERIT math assessment	41%	44%	42%
High School Graduation Rate Goal 90%	Percent of high school students graduating in 4 years	78%	84%	76%
Opportunity Youth Goal 7%	Percent of 16-24 year olds that are NOT going to school or working	13%	11%	NA
Post High School Enrollment Goal 70%	Percent of high school graduates who enrolled in postsecondary education the semester after graduating from high school	53%	55%	47%
Attainment Goal 60%	Percent of residents 25-64 years of age who have completed a 2- or 4-year degree or received a postsecondary certificate.	45%	47%	35% (TC data)

Additional data sources include Arizona Mayors Education Dashboards (Spring 2018) and Town Charts [<http://www.towncharts.com/Arizona/Education/Mesa-city-AZ-Education-data.html>]