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DACC's Dual Credit Story

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Presented to: LESL
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Dual Credit (DC) Headcount Grows Since 2010

	10-11	11-12	12-13	13-14	14-15	15-16
Dual Credit	1131	958	895	778	851	946
ECHS DC	118	243	338	459	552	676
Total	1249	1201	1233	1237	1403	1622

- Statewide dual credit program established in **2007**.
- Dual credit included in H.S. graduation requirement for 9th graders beginning in **2009-2010**.
- Arrowhead ECHS opened in **2010**; first graduating class is **2014**.
- Arrowhead Park Medical Academic opened in **2012**.
- GISD Alta Vista ECHS opened in **2011**; first graduating class is **2015**.

Students Predominately Take General Education Course for Dual Credit

Type	13-14 Head	13—14 SCH	14-15 Head	14-15 SCH	15-16 Head	15-16 SCH
General Education	2727	8479	3048	9569	4026	12231
CTE	1404	3810	1425	3867	1530	3989
Total	4131	12289	4473	13436	5556	16220

2

High School Students Take Dual Credit Courses in 11 STEM Areas

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Applied Statistics	1	3	4	12	5	15
Biology	88	212	87	228	458	982
Chemistry	98	392	100	400	118	471
Mathematics	347	1143	466	1543	497	1648
Physics	8	20	15	36	17	36
Statistics	13	39	20	60	21	63
Computer Sci	221	672	221	675	235	722
Engineering	27	81	7	21	0	0
Geology	65	260	51	204	78	312
Astronomy	8	32	17	68	24	96

3

HS Students Take Dual Credit in 12 Arts & Humanities Areas

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Anthropology	12	36	5	15	7	21
Art	38	114	77	231	103	309
Communication	155	465	199	597	256	768
Geography	4	16	6	22	12	44
Government	26	78	53	159	76	228
History	312	936	292	876	298	894
Linguistics	3	9	0	0	4	12
Music	30	90	21	63	27	81
Philosophy	53	159	17	51	43	129
Spanish	74	287	86	332	111	420
Theater	31	93	21	63	18	54
English	207	733	298	1051	335	1190

4

HS Students Take Courses in 6 Social Science Areas

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Sociology	106	318	104	312	140	420
Psychology	140	420	181	543	241	723
Women's Studies	1	3	0	0	0	0
Social Work	0	0	1	3	0	0
Criminal Justice	196	588	163	489	225	675
Journalism	4	12	1	3	1	3

5

HS Students Take Dual Credit Courses in Business

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Accounting	12	36	17	51	14	42
Business Computer Systems	3	9	0	0	2	6
Business Management	112	267	112	270	93	216
Economics	22	66	23	69	25	75
Finance	1	3	2	6	0	0
Management	7	21	8	24	3	9
Marketing	12	36	10	30	11	33
Bus. Admin	15	45	18	54	14	42
Bus Office Tech	11	33	28	84	36	108

HS Students Take Dual Credit Course in Professional Education

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Counseling & Ed. Psy	64	192	74	222	90	270
Early Childhood Educ	46	131	29	82	39	110
Education	1	1	0	0	0	0
Ed Leadership & Admin	0	0	3	5	5	9
Ed. MGT & Dvlpmnt	5	8	0	0	0	0

HS Students Take Courses in Allied and Public Health Areas

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Community Health	9	27	1	3	28	84
Health Science	96	288	159	477	174	522
Nutrition	8	24	12	36	5	15
Allied Health Sci	158	474	200	600	191	573
Dental Assisting	9	20	10	20	15	32
Health Info. Tech	6	18	4	12	18	54

8

HS Students Take Dual Credit in Career and Technical Education Areas

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Aerospace	38	13	22	87	41	152
Architectre	31	101	34	106	19	60
Automotive Tech	106	472	118	557	94431	
Building Construction	3	7	5	14	2	8
Culinary Arts	0	0	22	24	21	21
Creative Media	260	746	255	757	286	860
Drafting	192	471	113	303	138	331
Electronics	8	27	7	22	11	36
Fire Investigation	3	9	1	3	6	18
Hospitality & Tourism	54	88	15	45	8	24

9

(Career and Technical Con't)

Subject	13-14 Seat	13-14 SCH	14-15 Seat	14-15 SCH	15-16 Seat	15-16 SCH
Library Sci	1	3	0	0	0	0
Law Enforcement	44	132	67	202	78	238
Manufacturing	28	83	23	69	30	90
Nurse Assistant	50	200	56	148	35	84
Computer Technology	57	174	68	20	77	239
Paramedic	77	131	95	147	112	182
Technical Studies	181	183	217	217	256	256
Paralegal	4	12	6	18	14	42
Water Tech	0	0	1	3	1	3
Welding	68	249	40	168	27	105

10

Few Dual Credit & ECHS Students Perform Poorly in College Courses While in HS

Year	Headcount	Earned D	Earned F	Failed All Courses in 1 Sem.
05-06	422	6.6%	10.2%	9.0%
06-07	497	7.0%	8.0%	4.4%
07-08	731	15.0%	11.1%	8.8%
08-09	961	12.4%	20.1%	12.3%
09-10	980	7.4%	9.3%	7.0%
10-11	1249	9.3%	10.1%	6.4%
11-12	1201	8.0%	8.7%	7.4%
12-13	1232	10.9%	10.9%	7.5%
13-14	1237	12.3%	12.0%	7.4%
14-15	1399	13.8%	13.1%	6.5%

- Since dual credit participation became required for H.S. graduation, poor performance has increased. 11

Dual Credit/ECHS Students Enroll in Remediation Courses After High School in Fewer Numbers

Year	Former DC/ECHS Recent HS Graduates			Other Recent HS Graduates		
	N	Enrolled in Dev. ENG .	Enrolled in Dev. Math	N	Enrolled in Dev. ENG .	Enrolled in Dev. Math
05-06	80	36%	56%	554	57%	75%
06-07	85	48%	61%	541	55%	66%
07-08	89	47%	57%	674	55%	69%
08-09	209	44%	70%	511	63%	76%
09-10	231	48%	59%	558	60%	76%
10-11	267	49%	69%	635	62%	73%
11-12	292	52%	68%	644	62%	70%
12-13	314	48%	63%	666	66%	73%
13-14	266	55%	64%	540	64%	72%
14-15	242	50%	52%	589	69%	70%

DACC Dual Credit Students Earn Credentials in Higher Percentages

Year	New Students	Total	At DACC	At NMSU	Award	Cert.	Assoc	Bach.
05-06	358	77%	46%	47%	36%	4%	15%	23%
06-07	413	84%	47%	61%	46%	9%	17%	30%
07-08	642	79%	47%	50%	35%	6%	13%	22%
08-09	796	83%	46%	53%	32%	6%	10%	20%
09-10	825	78%	46%	50%	28%	9%	12%	11%
10-11	915	76%	45%	45%	19%	10%	8%	3%
11-12	762	73%	39%	46%	13%	10%	3%	0%
12-13	700	67%	36%	35%	7%	7%	1%	0%
13-14	625	60%	30%	30%	4%	4%	0%	0%
14-15	711	36%	19%	17%	0%	0%	0%	0%
Total	6747	71%	40%	43%	20%	7%	7%	9%

High Percentages of DACC Early College High School Students Earn College Credentials

Year	New Students	total	At DACC	At NMSU	Award	Cert.	Assoc.	Bach.
10-11	118	58%	18%	41%	66%	64%	57%	0%
11-12	132	66%	20%	46%	64%	62%	52%	0%
12-13	116	5%	1%	4%	5%	5%	3%	0%
13-14	146	1%	1%	1%	1%	1%	1%	0%
14-15	215	0%	0%	0%	0%	0%	0%	0%
Total								

- Earning an award while in high school enhances credential attainment in NM

14

ECHS Students Earn a Wide Variety of Degrees and Certificates

Degree	Spring 2014	Spring 2015
Assoc in CJ	10	4
Assoc in Pre-Bus	2	3
Assoc. Gen. Studies	6	4
Assoc of Applied Sci	3	6
Assoc of Arts	56	61
Assoc of Science	29	34
Total	106	112

Transfer Degrees that Articulate to NMSU Programs of Study

15

ECHS Students Earn a Wide Variety of CTE Degrees and Certificates

Certificate	Spring 2014	Spring 2015
Aerospace Tech	1	0
Automotive Tech	1	0
Bus. Fundamentals	8	8
Business Occupations	0	1
Computer Tech	3	4
Creative Media	6	6
Digital Video	1	0
Draft/Graphics Tech	3	1
Emergency Med Services	1	1
First Responder Prehosp.	0	1
Graphics & Animation	1	0
Health Care Asst.	1	0
NM Common Core	65	68
Nursing Assisting	6	2
Total	97	92

16

DACC Expenditures on Dual Credit Grow since 2012

	FY14	FY115	FY16
Dual Credit Office	252,657	262,186	262,714
Instruction *	233,743	305,554	449,548
Total Expenditures	486,400	567,740	712,262

- Present Dual Credit Office Staffing Level 3 FTE
- Instructional Cost Based on a course with only dual credit students enrolled using the part time faculty compensation rate

*Courses with 100% dual credit students use lowest adjunct rate

17

DACC Annually Waives Tuition and General Fees

13-14	14-15	15-16	total
802,099	956,904	1,135,117	2,894,120

18

Dual Credit Funding From the State of New Mexico

State: Previously postsecondary institutions received \$2.70 per SCH for every 1% of NEW money placed in the formula. For FY15 & FY16 that equaled ZERO as there was no new money allocated to the formula. No new money is expected for FY18

13-14	14-15*	15-16
0	0	0

*new money allocated to Hold Harmless

19

Managing the Cost of Textbooks and Course Supplies for All Students

Present Strategies

- Attempting to Use A Textbook Edition as Long As Possible
- Exploring the Use of Electronic Books

20

Challenges Beyond Funding

High Schools want dual credit courses offered at the high school.

Teacher Credentials: When offered at the high school, high school teachers may not have the appropriate credentials to teach the college portion of a dual credit course – **Result:** postsecondary institution has to supply the teacher at the high school.

Consequence: increased costs to deliver dual credit courses.

- **Higher Learning Commission Accreditation Standard** (May 2014): 3.C.2: All instructors are appropriately qualified, including those in dual credit, contractual and consortia programs".

21

High School Procedures

- Encourage students to take more college credits than needed
- Lack of understand about the relationship between courses taken and degree requirements
- Dual credit students with less than 2.0 college GPA with credits attempted will impact future eligibility for financial aid
- Lack of clear, accurate information shared with parents and students

22

High Schools Shift Costs of Instruction by Adding Dual Credit Courses to Schedule

“Because a reduction in teaching staff may lead to a reduction in some courses with low enrollment, district officials have discussed supplementing the curriculum with increased Virtual Learning Academy and dual-credit courses where possible”

-Las Cruces Sun News, April 19, 2016, Damien Willis, reporter

23

RECOMMENDATIONS

- The State needs to develop a funding model for dual credit – recommend 50% of the cost of tuition
- The State needs to establish more specific criteria for identifying high school students who qualify for dual credit – recommend a minimum high school GPA
- The State needs to determine what courses are allowed to be taken for dual credit – recommend general education courses most common for bachelor's degree and career and technical courses that are typically the first course in a certificate or degree sequence.

24

25

