

**MARICOPA COMMUNITY COLLEGE DISTRICT**

Report on the Admission of Students Under the Age of 18  
FY 2003-2004

(A.R.S. § 15 – 1821)

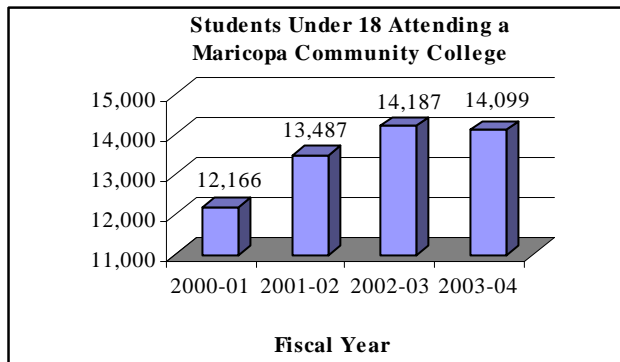
Maricopa Community College District • Office of Institutional Effectiveness  
September 15, 2004

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## Students Under the Age of 18 Report

This report provides an overview of students under the age of 18 who have not yet attained a high school diploma or high school certificate of equivalency and are enrolled in any of the Maricopa Community Colleges. Students under the age of 18 can be enrolled in concurrent courses (college courses taken by high school students at the community college), as well as Dual Enrollment courses (college courses taken by high school students at the high school).



Over the past 4 years, the number of students under the age of 18 has grown to 14,099. There were 12,166 students taking college courses at MCCC in 2000-01, compared to 14,099 in 2003-04, an increase of 9%.

The courses with the highest enrollments for the Under 18 student have consistently been ENG101 (First Year Composition), followed by MAT187 (Precalculus), ENG102 (First Year Composition), and PSY101 (Introduction to Psychology). The trend shows that more students are completing their courses. The course completion rate has increased from 89% in 2000-01 to 94% in 2003-04.

The demographic profile of the Under 18 population compares favorably with the entire student population at MCCC. The 2004 cohort consists of 2% American Indian, 5% Asian, 4% Black, 19% Hispanic, and 62% White. There are more females (59%) than males.

In the 4 years from 2000-01 to 2003-04, the number of 17-year-olds has increased (from 43% to 51%), and the 16-year-old students have increased as well, although at a slower rate (32% to 35%). There were fewer 15-year-old students in 2004 (9%) than in 2000 (15%).

There has been considerable growth in the number of *Under 18* students enrolled in the Maricopa Community Colleges over the past 4 years, primarily due to growth in the dual enrollment program. Data show that the vast majority of these younger students complete their courses successfully.

Under 18 Top 10 Courses	
1.	ENG101 First-Year Composition
2.	MAT187 Pre-calculus
3.	ENG102 First-Year Composition
4.	PSY101 Introduction to Psychology
5.	SPA102 Elementary Spanish II
6.	SPA101 Elementary Spanish I
7.	MAT151 College Algebra
8.	CPD150 Strategies for College Success
9.	HCC130 Fundamentals in Health Care
10.	HIS104 US History 1870 to Present

**Maricopa Community College District  
Admission of Students Under the Age of Eighteen  
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**Unduplicated Headcount by College**

<b>College</b>	<b>Number of Students</b>	<b>Percent of Students Enrolled</b>
<b>Chandler Gilbert</b>	1,084	7%
<b>Estrella Mountain</b>	1,214	8%
<b>Glendale</b>	2,082	14%
<b>Gateway</b>	1,793	12%
<b>Mesa</b>	1,371	9%
<b>Paradise Valley</b>	579	4%
<b>Phoenix College</b>	542	4%
<b>Rio Salado</b>	5,093	34%
<b>Scottsdale</b>	598	4%
<b>South Mountain</b>	799	5%
<b>Total (Unduplicated at College Level)</b>	<b>15,155</b>	<b>100%</b>
<b>Total (Unduplicated at District Level)</b>	<b>14,099</b>	

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**Top Ten Courses**

	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>Districtwide</b>				
	ENG101	First-Year Composition	2,844	9%
	MAT187	Precalculus	1,423	5%
	ENG102	First-Year Composition	1,357	4%
	PSY101	Introduction to Psychology	820	3%
	SPA102	Elementary Spanish II	753	2%
	SPA101	Elementary Spanish I	648	2%
	MAT151	College Algebra	591	2%
	CPD150	Strategies for College Success	529	2%
	HCC130	Fundamentals in Health Care Delivery	527	2%
	HIS104	United States History 1870 to Present	503	2%
	All Other Courses		21,579	68%
	<b>Total</b>		<b>31,574</b>	<b>100%</b>

**Maricopa Community College District**  
**Top 10 Course Descriptions**

- 1. ENG101 First-Year Composition 3 credits**  
 Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or a grade of "C" or better, in ENG071.
- 2. MAT187 Precalculus 5 credits**  
 A precalculus course combining topics from college algebra and trigonometry. Preparation for analytic geometry and calculus. May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187. Prerequisites: Grade of "B" or better in MAT120, or MAT122, or equivalent, or satisfactory score on a placement exam. Strongly recommended that students have some knowledge of trigonometry.
- 3. ENG102 First-Year Composition 3 credits**  
 Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper.
- 4. PSY101 Introduction to Psychology 3 credits**  
 To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.
- 5. SPA102 Elementary Spanish II 4 credits**  
 Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading, and writing skills. Prerequisites: SPA101 or departmental approval.

**6. SPA101      Elementary Spanish I      4 credits**

Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills. Prerequisites: None.

**7. MAT151      College Algebra      4 credits**

Relations and functions; polynomial functions; exponential and logarithmic functions; systems of equations and inequalities; matrices; sequences and series.

**8. CPD150      Strategies for College Success      3 credits**

Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning.

**9. HCC130      Fundamentals in Health Care Delivery      3 credits**

Overview of current health care professions including career and labor market information. Health care delivery systems, third party payers, and facility ownership. Health organization structure, patient rights and quality care. Health care and life value

**10. HIS104      United States History 1870 to Present      3 credits**

The political, economic, and social development of United States from Reconstruction period up to present time.



- 5. HIS104**                    **United States History 1870 to Present**                    **3 credits**  
The political, economic, and social development of United States from Reconstruction period up to present time.  
Prerequisites: None.
- 6. CPD150**                    **Strategies for College Success**                    **3 credits**  
Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning.
- 7. BIO160**                    **Introduction to Human Anatomy and Physiology**                    **4 credits**  
Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body.
- 8. BPC114AE**                **Excel: Level I**                    **1 credit**  
Computer spreadsheet skills for solving business problems using Excel, including calculations, forecasting, and projections.
- 9. MAT167**                    **Elements of Statistics**                    **3 credits**  
Basic concepts and applications of statistics, including data description, estimation and hypothesis tests.
- 10. MAT231**                  **Calculus with Analytic Geometry II**                    **4 credits**  
Methods of integration, applications of calculus, elements of analytic geometry, improper integrals, sequences and series.  
May receive credit for only one of the following: MAT230 or MAT231.

**Estrella Mountain Community College**  
**Admission of Students Under the Age of Eighteen**  
**Fall 2003 - Summer II 2004**

**Top Ten Enrollments**

College	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>Estrella Mountain</b>				
	ENG101	First-Year Composition	314	13%
	ENG102	First-Year Composition	163	7%
	SPA101	Elementary Spanish I	153	6%
	POS220	U.S. and Arizona Constitution	141	6%
	HIS104	United States History 1870 to Present	134	6%
	HIS103	United States History to 1870	131	6%
	MAT151	College Algebra	92	4%
	MAT220	Analytic Geometry and Calculus I	83	4%
	SPA102	Elementary Spanish II	76	3%
	PHY111	General Physics I	56	2%
	All Other Courses		1,019	43%
	<b>Total</b>		<b>2,362</b>	<b>100%</b>

**Estrella Mountain Community College**  
**Top 10 Course Descriptions**

- 1. ENG101                      First-Year Composition                      3 credits**  
Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or a grade of "C" or better, in ENG071.
- 2. ENG102                      First-Year Composition                      3 credits**  
Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.
- 3. SPA101                      Elementary Spanish I                      4 credits**  
Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills. Prerequisites: None.
- 4. POS220                      U.S. and Arizona Constitution                      3 credits**  
Examination of the United States Constitution and the constitution and government of the State of Arizona. Prerequisites: None.
- 5. HIS 104                      United States History to 1870                      3 credits**  
The political, economic, and social development of United States from Reconstruction period up to present time.

**6. HIS103**                      **United States History to 1870**                      **3 credits**

The political, economic, and social development of United States from Colonial through Reconstruction period. Prerequisites:

**7. MAT151**                      **College Algebra**                      **4 credits**

Relations and functions; polynomial functions; exponential and logarithmic functions; systems of equations and inequalities; matrices; sequences and series.

**8. MAT220**                      **Analytic Geometry and Calculus I**                      **5 credits**

Topics from analytic geometry with special emphasis on inequalities and absolute value expressions, limits, continuity, the fundamental principles and formulae for differential and integral calculus along with their applications to geometry and mechanics, the mean value theorems and the fundamental theorem of calculus. May receive credit for only one of the following: MAT220 or MAT221. Prerequisites: Grade of "C" or better in (MAT150, or MAT151, or MAT152, or MAT187, or equivalent, or satisfactory score on district placement exam.

**9. SPA102**                      **Elementary Spanish II**                      **4 credits**

Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading, and writing skills.

**10. PHY 111**                      **General Physics I**                      **4 credits**

A noncalculus approach to the principles of general physics. Includes mechanics, fluids, sound and heat. Recommended for preprofessional and suggested for certain other majors.

**Gateway Community College**  
**Admission of Students Under the Age of Eighteen**  
**Fall 2003 - Summer II 2004**

**Top Ten Enrollments**

College	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>GateWay</b>				
	HCC130	Fundamentals in Health Care Delivery	302	8%
	HCC145AA	Medical Terminology for Health Care Worker	234	6%
	NUR156	Nurse Assisting	197	5%
	MAT151	College Algebra	185	5%
	CNT140	Cisco Networking Fundamentals	111	3%
	CNT150	Cisco Networking Router Technologies	106	3%
	BIO160	Introduction to Human Anatomy and Physiolo	100	3%
	GBS110	Human Relations in Business and Industry	83	2%
	ABC119	Basic Safety	82	2%
	ABC121	Introduction to Hand and Power Tools	81	2%
	All Other Courses		2,150	59%
	<b>Total</b>		<b>3,631</b>	<b>100%</b>

**GateWay Community College**  
**Top 10 Course Descriptions**

- 1. HCC130      Fundamentals in Health Care Delivery      3 credits**  
 Overview of current health care professions including career and labor market information. Health care delivery systems, third party payers, and facility ownership. Health organization structure, patient rights and quality care. Health care and life values. Definition and importance of values, ethics, and essential behaviors in the workplace. Prerequisites: None.
- 2. HCC145AA      Medical Terminology for Health Care Workers      1 credit**  
 Introduction to medical terms used in health care. Body systems approach to selected terms related to structures, functions, diseases, procedures, and diagnostic tests. Building and analyzing terms using basic word parts. Selected medical abbreviations an
- 3. NUR156      Nurse Assisting      2 credits**  
 Role of the nursing assistant for clients across the wellness/illness continuum within the nurse assisting scope of practice. Introduction to problem solving process specific to meeting the basic and holistic needs of clients. Professional communication skills essential for the nursing assistant. Prerequisites: None. Corerequisites: [HCC130 OR (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE, and HCC130AF)], HCC145AA, or equivalent.
- 4. MAT151      College Algebra      4 credits**  
 Relations and functions; polynomial functions; exponential and logarithmic functions; systems of equations and inequalities; matrices; sequences and series.

**5. CNT140 Cisco Networking Fundamentals 4 credits**

Emphasis on the OSI model and industry standards. Includes network topologies, IP addressing, subnet masks, basic network design and cable installation. Preparation for Cisco certification examination.

**6. CNT150 Cisco Networking Router Technologies 3 credits**

Knowledge of skills to install, configure, customize, maintain and troubleshoot Cisco routers and components. Preparation for Cisco certification examination.

**7. BIO160 Introduction to Human Anatomy and Physiology 4 credits**

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body.

**8. GBS110 Human Relations in Business and Industry 3 credits**

Exploration of fundamental theories and concepts of human relations in business and industry. Particular emphasis is placed on developing effective interpersonal relationships and leadership skills within an organization.

**9. ABC119 Basic Safety 1 credit**

Overview of safety rules and procedures for working on construction job sites.

**10. ABC121 Introduction to Hand and Power Tools 1 credit**

Overview of the use, maintenance and safety procedures for common hand and power tools.

**Glendale Community College**  
**Admission of Students Under the Age of Eighteen**  
**Fall 2003 - Summer II 2004**

**Top Ten Enrollments**

College	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>Glendale</b>				
	ENG101	First-Year Composition	343	7%
	CPD102AD	Eliminating Self-Defeating Behavior	263	5%
	RDG100AA	Organizing for Academic Success	209	4%
	RDG100AB	Studying and Notetaking Techniques	208	4%
	HCC130	Fundamentals in Health Care Delivery	208	4%
	ENG102	First-Year Composition	182	4%
	PSY101	Introduction to Psychology	180	3%
	HCC145	Medical Terminology for Health Care Worker	168	3%
	BPC101AA	Introduction to Microcomputers I: IBM	166	3%
	HCC109	CPR for the Health Care Provider	165	3%
	All Other Courses		3,058	59%
	<b>Total</b>		<b>5,150</b>	<b>100%</b>

**Glendale Community College**  
**Top 10 Course Descriptions**

**1. ENG101      First-Year Composition      3 credits**

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or a grade of "C" or better, in ENG071.

**2. CPD102AD      Eliminating Self-Defeating Behavior      2 credits**

Designed to help students change behaviors that work against their potential (ie. inferior feelings, shyness, nervousness, stage fright, under achievement etc). Focus on identifying undesirable thoughts, emotions and behaviors, for the purpose of developing alternative, and more desirable thoughts, emotions, and behaviors. Prerequisites: None.

**3. RDG100AA      Organizing for Academic Success      1 credit**

Organizational skills necessary for success in a variety of educational settings. Includes goal setting, time management, college orientation, and reading content materials.(##)(##)Prerequisites: None.

**4. RDG100AB      Organizing for Academic Success      1 credit**

Study and notetaking techniques applicable to varied educational settings. Includes effective use of textbooks, lecture notetaking, and mastery of selected terminology.(##)(##)Prerequisites: None.



**Mesa Community College**  
**Admission of Students Under the Age of Eighteen**  
**Fall 2003 - Summer II 2004**

**Top Ten Enrollments**

College	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>Mesa</b>				
	ENG101	First-Year Composition	510	22%
	ENG102	First-Year Composition	116	5%
	CPD150	Strategies for College Success	92	4%
	PSY101	Introduction to Psychology	47	2%
	FSC106	Introduction to Fire Protection	46	2%
	HIS103	United States History to 1870	46	2%
	FSC113	Introduction to Fire Suppression	46	2%
	FSC108	Fundamentals of Fire Prevention	46	2%
	CPD100	Orientation for Student Development	44	2%
	HIS104	United States History 1870 to Present	40	2%
	All Other Courses		1,268	55%
	<b>Total</b>		<b>2,301</b>	<b>100%</b>

**Mesa Community College**  
**Top 10 Course Descriptions**

- 1. ENG101      First-Year Composition      3 credits**  
Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or a grade of "C" or better, in ENG071.
- 2. ENG102      First-Year Composition      3 credits**  
Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.
- 3. CPD150      Strategies for College Success      3 credits**  
Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning.
- 4. PSY101      Introduction to Psychology      3 credits**  
To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion,
- 5. FSC106      Introduction to Fire Protection      3 credits**  
History and evaluation of fire department organization. Role of the fire service in the community. Responsibilities of the fire administrator including organization, departmental functions, interdepartmental relationships, management of buildings and equipment; techniques of fire-fighting. Also includes emergency medical services and fire prevention.











**Rio Salado Community College**  
**Admission of Students Under the Age of Eighteen**  
**Fall 2003 - Summer II 2004**

**Top Ten Enrollments**

College	Course Number	Course Title	Number of Enrollments	Percent of Enrollments
<b>Rio Salado</b>				
	ENG101	First-Year Composition	1,042	9%
	MAT187	Precalculus	749	7%
	SPA102	Elementary Spanish II	619	5%
	ENG102	First-Year Composition	551	5%
	MAT172	Finite Mathematics	449	4%
	PSY101	Introduction to Psychology	428	4%
	SPA101	Elementary Spanish I	412	4%
	MAT212	Brief Calculus	407	4%
	SPA201	Intermediate Spanish I	371	3%
	BIO201	Human Anatomy and Physiology I	348	3%
	All Other Courses		5,965	53%
	<b>Total</b>		<b>11,341</b>	<b>100%</b>

**Rio Salado Community College**  
**Top 10 Course Descriptions**

- 1. ENG101      First-Year Composition      3 credits**  
Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or a grade of "C" or better, in ENG071.
- 2. MAT187      Precalculus      5 credits**  
A precalculus course combining topics from college algebra and trigonometry. Preparation for analytic geometry and calculus. May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187. Prerequisites: Grade of "B" or better in MAT120, or MAT 122, or equivalent, or satisfactory score on a placement exam. Strongly recommended that students have some knowledge of trigonometry.
- 3. SPA102      Elementary Spanish II      4 credits**  
Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading, and writing skills.
- 4. ENG102      First-Year Composition      3 credits**  
Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.

**5. MAT172      Finite Mathematics      3 credits**

An introduction to the mathematics required for the study of social and behavioral sciences. Includes sets, combinatorics, probability, matrix algebra, linear programming and mathematics of finance. Prerequisites: Grade of "C" or better in MAT150, or MAT 151, or MAT152, or equivalent, or satisfactory score on district placement exam.

**6. PSY101      Introduction to Psychology      3 credits**

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal.

**7. SPA101      Elementary Spanish I      4 credits**

Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills.

**8. MAT212      Brief Calculus      3 credits**

An introduction to the theory, techniques and applications of the differential and integral calculus of elementary functions with problems of interest to students in business and the social sciences. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or equivalent, or satisfactory score on district placement exam.

**9. SPA201      Intermediate Spanish I      4 credits**

Continued study of essential Spanish grammar and Spanish-speaking cultures. Continued practice and development of reading, writing, and speaking skills in Spanish. Emphasis on fluency and accuracy in spoken Spanish.

**10. BIO201      Human Anatomy and Physiology I      4 credits**

Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system.



**6. CPD150 Strategies for College Success 3 credits**

Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning.

**7. PSY101 Introduction to Psychology 3 credits**

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.

**8. MAT092 Introductory Algebra 3 credits**

Basic axioms of algebra, linear equations in one and two variables, operations on polynomials, rational expressions, graphing of linear equations and the solving of linear equations. May receive credit for only one of the following: MAT090, MAT091, or MAT

**9. SPA101AA Elementary Spanish I 4 credits**

Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills.

**10. ART100 Introduction to Computer Graphic Art 1 credit**

Conceptualization, visualization, and production of art using the computer.



