

# Tucson Unified School District - Career and Technical Education CAREER PATHWAY

School Name: **Catalina**



Health Science: **Allied Health Services - Medical Imaging (51.0800) College Entry**

Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

*This Career Pathway plan (along with other career planning materials) will serve to direct learners on a medical imaging career path. Courses listed within this plan are prescribed with regard to required graduation, licenses, and certifications. Student organization HOSA may also be included as well as summer school*

EDUCATION LEVELS	GRADE	English	Math	Science	Social Studies/ Sciences	Other Required Courses, Other Electives, Recommended Electives, Learner Activities	*Career & Technical Courses and/or Degree Major Courses	Occupations Relating to this Pathway
------------------	-------	---------	------	---------	-----------------------------	---	--	---

*Interest Inventory Administered and Plan of Study Initiated for all Learners*

<b>SECONDARY</b>	9	English 1,2	Algebra 1,2 or Geometry	Biology	World History/ Geography	Physical Education;	Fundamentals of Health Science/Services	<b>Occupations Requiring Less than Baccalaureate Degree</b> ► Radiologic Technologist ► Magnetic Resonance Imaging Post-Degree Certificate ► ► ► ►
	10	English 3,4	Geometry or Int. Algebra	Human Biology	Elective	.5 Health Education .5 Elective	Exploration of Infectious Diseases / Medical Issues & Trends	
	11	English 5,6	Inter Algebra or Pre- Calculus	Anatomy & Physiology	American History	*1st year Foreign Language	Healthcare Technology 1,2	
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English 7,8	PCC CSA 100	PCC CHM 130	American Government	*2nd year Foreign Language	Medical Imaging 1,2; Medical Imaging 3,4	<b>Occupations Requiring Baccalaureate Degree</b> ► Radiologist ► ► ►

**CERTIFICATION** *Upon completion of Medical Imaging students will take the certification written test and hands-on skill test with State Certification to verify successful industry standard skills. Pima Community College offers a Radiologic Technology - Assoc of Applied Science degree & a Magnetic Resonance Imaging (MRI) - Certificate for Direct Employment*

*Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.*

<b>POSTSECONDARY</b>	Year 13	WRT 101	MTH 122	BIO 156		All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include. Work-based learning is an integral part of this pathway.	OAP 162
	Year 14	WRT 102	MTH 151	BIO 201			RAD 170
	Year 15						
	Year 16						

**Graduation Requirements  
For 2009, 2010, 2011 Grads  
21 Units or Credits**

	Min. H.S.	Univ.
English	4	4
Mathematics	3	4
Science	2	3
Social Studies	3	3
Fine Arts/CTE	1	*1
Physical Educ	1	
Health	0.5	
World Language		2
Career Pathway	6.5	
<b>TOTAL</b>	<b>21</b>	<b>21</b> or more

**Graduation Requirements  
For 2012 Grads  
22 Units or Credits**

	Min. H.S.	Univ.
Science	3	3
<b>TOTAL</b>	<b>22</b>	<b>22</b> or more

**Graduation Requirements  
For 2013 Grads**

	Min. H.S.	Univ.
Mathematics	4	4