



# CHANDLER HIGH SCHOOL STEM PATHWAYS

350 N ARIZONA AVE. CHANDLER, AZ 85225

480-812-7700



<b>SCIENCE (MAJOR UNDETERMINED)</b>		<b>MARY PLOENSE 480-812-7857</b>
<b>RECOMMENDED COURSEWORK</b>		
Self-Directed-Staff Supported Science Research	Honors Biology	Honors Geometry
	Honors Chemistry	Honors Algebra II
	AP Physics 1 <i>and</i> AP <i>or</i> IB SL Chemistry <i>or</i> Biology	AP Statistics <i>or</i> IB Math Analysis SL 1
	AP <i>or</i> IB HL Chemistry, Biology <i>or</i> Physics C	AP Calculus AB <i>or</i> IB Math Analysis SL 2
<b>SUGGESTED ADDITIONAL COURSEWORK MENU</b>		
	AP Environmental Science <i>or</i> IB Environmental Systems and Societies	AP Calculus BC
		Multivariable Calculus and Differential Equations

<b>ENGINEERING</b>		<b>SEAN ROBISON 480-812-7964</b>
<b>RECOMMENDED COURSEWORK</b>		
CONTENT FOCUS	SCIENCE	MATHEMATICS
Honors Intro to Engineering	Honors Biology	Honors Geometry
Honors Principles of Engineering	Honors Chemistry	Honors Algebra 2
Honors Digital Electronics	AP Physics 1 <i>or</i> IB Physics	AP Calculus AB <i>or</i> IB Math Analysis HL 1
Honors Engineering Development and Design	AP Physics C	AP Calculus BC <i>or</i> IB Math Analysis HL 2
<b>SUGGESTED ADDITIONAL COURSEWORK MENU</b>		
	AP <i>or</i> IB SL Chemistry <i>or</i> Biology	Statistics
		Multivariable Calculus and Differential Equations

# COMPUTER SCIENCE

SEAN ROBISON 480-812-7964

## RECOMMENDED COURSEWORK

CONTENT FOCUS	SCIENCE	MATHEMATICS
AP Computer Science Principles 1	Honors Biology	Honors Geometry
Software Engineering 1	Honors Chemistry	Honors Algebra 2
AP Computer Science A	AP Physics 1 <i>or</i> IB Physics	AP Calculus AB <i>or</i> IB Math Analysis HL 1
IB Computer Science SL	AP <i>or</i> IB SL Biology <i>or</i> Chemistry	AP Calculus BC <i>or</i> IB Math Analysis HL 2
SUGGESTED ADDITIONAL COURSEWORK MENU		
Robotics (may be repeated for credit)	AP Physics C	Statistics
		Multivariable Calculus and Differential Equations

# BIOSCIENCE AND HEALTH

KATIE NASH 480-812-7855

## RECOMMENDED COURSEWORK

CONTENT FOCUS	SCIENCE	MATHEMATICS
	Honors Biology	Honors Geometry
	Honors Chemistry	Honors Algebra 2
Anatomy and Physiology	AP Physics 1 <i>or</i> IB Physics	Honors Pre-Calculus <i>or</i> IB Math Analysis SL 1
IB SL Sports, Exercise and Health Science	AP <i>or</i> IB SL Chemistry <i>or</i> Biology	AP Statistics <i>or</i> IB Math Analysis SL 2
SUGGESTED ADDITIONAL COURSEWORK		
Sports Medicine 1		
Sports Medicine 2		

# ECOLOGY AND SUSTAINABILITY

RUSSELL DAVIS 480-812-7710

## RECOMMENDED COURSEWORK

CONTENT FOCUS	SCIENCE	MATHEMATICS
	Honors Biology	Honors Geometry
	Honors Chemistry	Honors Algebra 2
AP Environmental Science <i>or</i> IB SL Environmental Systems and Societies	AP Physics 1 <i>or</i> IB Physics	Honors Pre-Calculus <i>or</i> IB Math Analysis SL 1
	AP <i>or</i> IB SL Chemistry <i>or</i> Biology	AP Statistics <i>or</i> IB Math Analysis SL 2
SUGGESTED ADDITIONAL COURSEWORK		
AP Human Geography		