

STEM High School

Name: _____

Grade Level: _____

Student ID: _____

ENGLISH				
	Credit	Term	Grade	Course #
Honors English Language Arts 9	1	AY	9	1960
Honors English Language Arts 10	1	AY	10	2010
Honors English Language Arts 11	1	AY	11	2020
Honors English Language Arts 12	1	AY	12	2120
MATH				
	Credit	Term	Grade	Course #
Honors Algebra 1	1	AY	9	422H
Honors Geometry	1	AY	9-11	4360
Honors Algebra II/Trig	1	AY	10-12	4370
SCIENCE				
	Credit	Term	Grade	Course #
Honors Physical Science	1	AY	9-10	5770
Honors Biology	1	AY	9-10	5630
SOCIAL STUDIES				
	Credit	Term	Grade	Course #
Honors World History	1	AY	9	6140
Honors US History	1	AY	10	6010
Honors American Government	1	AY	11	616Y
PHYSICAL ED/HEALTH				
	Credit	Term	Grade	Course #
Health	0.5	SEM	9-12	3490
Physical Education II	0.25	SEM	9-12	3400
Physical Education I	0.26	SEM	9-13	3430
Physical Ed Waiver (Athletes/Band)	0	N/A	9-12	
ELECTIVES				
MATH ELECTIVES				
	Credit	Term	Grade	Course #
Pre-Calculus	1	AY	11-12	4560
Probability & Statistics	1	AY	11-12	4650
AP Calculus	1	AY	11-12	4470
AP Computer Science A	1	AY	11-12	M012
AP Computer Science Principles	1	AY	11-12	M014

COLLEGE & CAREER ACADEMY PATHWAYS				
PATHWAY EXPLORATION				
	Credit	Term	Grade	Course #
Freshman Seminar	1	AY	9	FS9C
Computer Apps for Professionals	1	AY	9	BL-CoApPro
Academy of Advanced Technology and Design				
BIOTECHNOLOGY				
	Credit	Term	Grade	Course #
Health Science Tech	1	AY	9	J020
Medical Terminology	1	AY	10	J042
Human Anatomy	1	AY	11	J032
Biomedical Technology	1	AY	12	J043
PLTW ENVIRONMENTAL ENGINEERING				
	Credit	Term	Grade	Course #
Engineering Design	1	AY	9	F610
Engineering Principles	1	AY	10	F612
Environmental Sustainability	1	AY	11	F631
Engineering Research & Solutions	1	AY	12	F649

ELECTIVES				
SCIENCE ELECTIVES				
	Credit	Term	Grade	Course #
Astronomy	0.5	SEM	11-12	5960
Earth Systemss	1	AY	11-12	5910
Chemistry	1	AY	10-12	5750
Physics	1	AY	10-12	5870
Human Biology	0.5	SEM	11-12	564S
Issues in Science	0.5	SEM	11-13	592S
Microbiology	0.5	SEM	10-12	5700
AP Biology	1	AY	11-12	5840
AP Environmental Science	1	AY	11-12	5930
SOCIAL STUDIES ELECTIVES				
	Credit	Term	Grade	Course #
African American Studies	0.5	SEM	11-12	6340
AP Human Geography	1	AY	11-12	6110
FOREIGN LANGUAGE				
	Credit	Term	Grade	Course #
Chinese I	1	AY	9-12	2890
Chinese II	1	AY	9-12	2900
Chinese III	1	AY	10-12	2910
ART				
	Credit	Term	Grade	Course #
Draw and Design I	0.5	SEM	9-12	1010
Painting I	0.5	SEM	10-12	1050
Art Appreciation	0.5	SEM	9-12	1090
Printmaking	0.5	SEM	10-12	1070
Sculpture I	0.5	SEM	10-12	1080
Photography	0.5	SEM	10-12	1120
MUSIC / INSTRUMENTAL				
	Credit	Term	Grade	Course #
Band A	1	AY	9-12	5150
Orchestra A	1	AY	9-12	5130
Jazz Ensemble	1	AY	9-12	5250
Music Theory	1	AY	9-12	5510
BUSINESS				
	Credit	Term	Grade	Course #
Advisory I	0.25	AY	9	C192
Advisory II	0.25	AY	10	C193
Advisory III	0.25	AY	11	C205
Advisory IV	0.25	AY	12	C206
Community Internship	0.5	SEM	12	6390
STEM/Engineering Capstone (req)	1	AY	12	C164
READY FOR SUCCESS COURSES				
	Credit	Term	Grade	Course #
ACT Prep	0.25	SEM	9-12	x100
Credit Recovery	0	AY	10-12	xtr445

SENIOR INDUSTRY CREDENTIALS				
	Credit	Term	Grade	Course #
Industry Credentials (SEM)	0.5	SEM	12	ICOS
Industry Credentials (YL)	1	AY	12	ICOY

CYBERSECURITY		Credit	Term	Grade	Course #
	Information Technology	1	AY	9	N420
	Networking	1	AY	10	N431
	Routing & Switching	1	AY	11	N432
	Cybersecurity	1	AY	12	N441

OHIO HIGH SCHOOL HONORS DIPLOMA	
	Ohio Diploma
	Academic Honors Diploma
	STEM Honors Diploms
	Career Tech Honors Diploma
	Arts Honors Diploma
	Social Science & Civic Engagement Honors Diploma

PARENT & STUDENT SIGNATURE	
<p>We have reviewed the classes selected and are in agreement with the choices. We understand that the selection of classes above will be scheduled unless unavailable/conflicted and that schedule changes may be considered in order to meet graduation requirements.</p>	
Parent/Guardian's Signature	Date
Student's Signature	Date

GRADUATION REQUIREMENTS		
English (4 Credits)		Health (.5 Credit)
	English 9 (state test)	Physical Education (.25 Cre
	English 10 (state test)	Physical Education (.25 Cre
	English 11	Electives (7 Credits)
	English 12	
Mathematics (4 Credits)		
	Algebra I (state test)	
	Geometry (state test)	
	Algebra II	
	Any Additional Math Course	
Science (3 Credits)		
	Physical Science	
	Biology (state test)	
	Any One Credit Science Course	
Social Studies (3 Credits)		
	World History	Other Requirements
	American History (state test)	Fine Arts or Career Tech
	Amerian Government (state test)	

Revised 1.23.2023

For full course descriptions visit:
www.akronschools.com/courses

