

2022-2023 RCSHS Core Requirements Checklist

Name: _____ updated **3/21/2022**

In order to meet the **Pre-college Curriculum**, as set by the state of Kentucky, students must have **2 years of the same foreign language, an Algebra 2 level of Mathematics as well as a Physics or Chemistry level of Science.**

RCSHS GENERAL DIPLOMA Cumulative Credits needed for graduation: 29 credits (2022), 27 credits (2023), 25 credits (2024), 25 credit (2025)

- 4 courses in English (standard, Honors, Dual Credit or AP)
- 4 courses in Mathematics—1 each year of high school (at least an Algebra 2 level to meet the PCC)
- 3 courses in Science, **must include Biology** (at least the Chemistry or Physics level to meet the PCC)
- 3 courses in Social Studies, **must include U.S. History**
- 1 credit of Health and Physical Education
- 1 credit of History and Appreciation of the Visual and Performing Arts (HAVPA)
- **3 credits in a CTE Career Pathway required, 4 credits encouraged**
- Elective credits for remainder (2 credits of the SAME Foreign Language to meet the PCC)

\$\$—book fees and/or software fees associated with this course DUAL CREDIT Courses: Must have an ACT Composite of 18 and 3.0 GPA with criteria listed below

ENGLISH 4 courses

_____	English 1 or HON or RD+	2301, 23015,
2300		
_____	English 2 or AP Lang	\$\$ RD+ 2302, 23039,
23020		
_____	English 3 or AP Lit	\$\$ 2303, 23039
_____	English 4	23040
_____	MSU English 100	\$\$ (18E & 20R) 7000

MATH 4 courses

_____	Algebra 1, Alg 1 ALEKS	2710, 2708
_____	Geometry or ADV	2711, 27115
_____	Algebra 2 or ADV	2712, 27125
_____	Precalculus/Trigonometry	2713
_____	AP Statistics	\$\$ 2714
_____	Math Advanced Topics	2720
_____	MSU Math 131	\$\$ (19-21M) 7060
_____	MSU Math 152	\$\$ (22M) 7001

SOCIAL STUDIES 3 Courses

_____	Introduction to Social Studies	2201
_____	World Civilization (10) <u>OR</u>	2202
_____	AP European Hist	\$\$ (10) 221369, 221379
_____	U S History or AP	\$\$ (11) 2203, 22039
_____	Psychology/ Sociology (11/12)	2207, 2208
_____	MSU HST 110 (11/12)	\$\$ 7121

HEALTH/PE*** 1 Health and 1 PE

_____	Health	2851
_____	Physical Education	2881 OR
_____	Males Athlete PE	2887OR
_____	Female Athlete PE	2885

*** HAVPA*** 2 courses (½ credit each),

_____, _____

SCIENCE3 Courses

_____	Integrated Science (9)	2501
_____	Biology or AP	\$\$ (10) 2502,
2513		
_____	Chemistry (11/12)	2503
_____	Physics (11/12)	2504

FOREIGN LANGUAGE 2 courses

NO Not required, but needed for PRE-COLLEGE CURRICULUM

_____	Spanish 1	24316
_____	Spanish 2	24326

*Course descriptions can be found on Rowan County Senior High Schools website under Guidance, Scheduling.

A Career Pathway Course Sheet (MAY complete credits, 4 credits encouraged) Student Name: _____

EOP/Industry Certificate Pathways, Elective Courses UPDATED 3/21/2022

\$\$—book fees and/or software fees associated with this course, DUAL CREDIT ELECTIVES: Must have an ACT Composite of 18 and 3.0 GPA

******AGRICULTURE******

Animal Science Courses—105

_____	Principles of Agriculture A&B	(9-11)	58006, 58007
_____	Animal Science	A&B (10-12)	5805, 58055
_____	Vet Science	A&B (10-12)	5816, 58166
_____	Agriculture Power	(10-12)	5812
_____	Agriculture Sales	(10-12)	5817
_____	Employability Skills	(11-12)	5649
_____	Work Experience	(12)	5501
_____	AGR 100: Anim Sci \$\$ (11-12)		7200
	(Racer Acad)		
_____	AGR 182: Pre-Vet \$\$ (11-12)		7201
	(Racer Acad)		

Agriculture Construction—104

_____	Agriscience Tech. A&B	(9-11)	58006, 58007
_____	Small Engines A	(10-12)	5808
_____	Ag. Construction A&B	(10-12)	5806, 58065
_____	Agriculture Power	(10-12)	5812
_____	Agriculture Sales	(10-12)	5817
_____	Employability Skills	(9-12)	5649
_____	Work Experience	(12)	5501
_____	Racer Academy Dual Credit—see Mr. McKinney \$\$		

******BUSINESS *****

Business Management—109

_____	Digital Literacy A, B	(9-12)	060112, 0601125
_____	Financial Mngt (Viking Bank A, B) (10-12)		070122, 0701225
_____	Business Management A, B	(10-12)	5467, 54677
_____	Entrepreneurship	(10-12)	5688,
_____	Work Experience	(12)	5501

Graphic Design Pathway-117/Media Arts

_____	Intro to Media Arts A&B	(9-12)	5771,5772
_____	Two-Dim. Media Des.	(9-12)	5773,5774
_____	Media Arts Intern	(12)	5501
_____	Digital Imaging A, B	(9-12)	480921, 480915

Computer Programming—108

_____	Digital Literacy A, B	(9-12)	060112, 0601125
_____	AP Computer Sci Principles	\$\$ (9-12)	5652
_____	AP Computer Science A	\$\$ (9-12)	110711
_____	Computational Thinking A, B	(9-12)	110251, 110255

******ENGINEERING TECHNOLOGY******

Automation—111

_____	Engineering 1 A&B (CAD)	(9-12)	5950, 59505
_____	Engineering 2A (EPT)	(9-11)	5941
_____	Engineering 2B (COMM)	(9-11)	5942

_____	Robotics Engineering A&B (INTRO)	(9-11)	5946, 59465
_____	Robotics Autom. & Design A&B (ADV)	(9-12)	5948, 59485
_____	Engineering EMM 103/103L \$\$ (11-12)		7063
_____	Fund. of Engineering (ETM 120) \$\$ (11-12)		70635

Civil Engineering —112

_____	Building Constr. Tech. (Woods)	(9-12)	5944, 59445
_____	Engineering 1A & 1B (CAD)	(9-12)	5950, 59505
_____	Engineering 2A (EPT)	(9-11)	5941
_____	Engineering 2B (COMM)	(9-11)	5942
_____	Civil Engineering (Const. Eng) A&B	(9-12)	5945, 59455
_____	Engineering EMM 103/103L \$\$ (11-12)		7063
_____	Fund. of Engineering (ETM 120) \$\$ (11-12)		70635

Engineering Technology -113

_____	Engineering 1 A & B (CAD)	(9-11)	5950, 59505
_____	Engineering 2A (EPT)	(9-11)	5941
_____	Engineering 2B (COMM)	(9-11)	5942
_____	Building Constr. Tech. (Woods)	(9-12)	5944, 59445
_____	Engineering EMM 103/103L \$\$ (11-12)		7063
_____	Fund. of Engineering (ETM 120) \$\$ (11-12)		70635

Flight & Aeronautics-117

_____	Introduction To Aerospace A&B	(9-10)	5961, 59615
_____	Intro to Flight & Aircraft Systems	(10)	5962
_____	The Flying Environment	(11)	
_____	Aircraft Internship	(12)	

******FAMILY and CONSUMER SCIENCE******

Consumer Family Services-114

_____	FACS Essential (Life Skills) A&B	(9-12)	5901, 59015
_____	Food & Nutrition A&B	(9-12)	5915, 59155
_____	Money Skills A&B	(9-12)	5906, 59065
_____	MLD (Mid to late Dev) .A&B)	(9-12)	5777,57771

Childcare & Education--115

_____	ELD-A (Early to Late Dev.)	(9-12)	5905
_____	Child Care Serv 1 A&B	(9-12)	5913, 59135
_____	Child Care Serv 2	(12)	5914
_____	FACS Essential (Life Skills) A&B	(9-12)	5901, 59015
_____	Prin. of Teaching 1A&1B	(9-12)	5960, 59065
_____	MLD (Mid to late Dev) .A&B)	(9-12)	5777,57771

Culinary Arts—116

_____	Food & Nutrition A&B	(9-12)	5915, 59155
_____	Culinary Arts 1	(10-12)	5916

*Course descriptions can be found on Rowan County Senior High Schools website under Guidance, Scheduling.

_____	Culinary Arts 2	(11-12)	5917
_____	FACS Essential (Life Skills) A&B	(9-12)	5901, 59015

******HEALTH RELATED SERVICES******

Pre-Nursing/Medical Field—102

_____	Principles of Health Science A&B	(9-12)	1700,17000
_____	Medical Terminology A&B	(10-12)	1701.1706
_____	Emergency Procedures	(10-12)	1702
_____	Body Structures & Functions A&B	(10-12)	1703,17033
_____	Medical Math	(10-12)	1704
_____	Health Care Clinicals	(12)	1705
_____	Forensics	(10-12)	2517
_____	Disease Detectives	(11-12)	2522
_____	Anatomy Physiology A&B	(11-12)	25146, 25147
_____	Biology 105 (Intro to Bio Sci) §§	(11-12)	7008
_____	AP General Biology	(10-12)	2513

******ARTS/HUMANITIES******

Visual Art

_____	Intro tro. To Art	(9-12)	2860
_____	Painting	(9-12)	2863
_____	Drawing	(9-12)	2862
_____	3 Dimensional Sculpture	(9-12)	2865
_____	Studio Art (2 semesters)	(11-12)	2869
_____	AP Studio Art (2 semesters)	(11-12)	2870

Drama

_____	Stage Perf. & Craft	(9-12)	2353
_____	Adv. Stage Perf. & Craft	(9-12)	23533

Choral Music

_____	Choir (each year)	(9-12)	2825
_____	Adv. Choir (each year)	(9-12)	28255

Instrumental Music

_____	Concert Band (each year)	(9-12)	2834
_____	Symphonic Band (each Year)	(9-12)	2835

General Music

_____	Introduction to Music	(9-12)	2833
_____	Music & Film	(9-12)	2832
_____	Humanities	(9-12)	2824

Communication

_____	Oral Communication	(9-12)	2351
-------	--------------------	--------	------

******MISCELLANEOUS ELECTIVE COURSES ******

_____	Law & Justice	(9-12)	2210
_____	Psychology	(9--12)	2207
_____	Sociology	(9-12)	2208
_____	SGA Leadership	(9-12)	231011
_____	Visual Comm. A&B (yearbook)	(9-12)	60040,
_____			60041
_____	Peer Tutoring	(11-12)	6003
_____	Library Media Science	(12)	6002
_____	Virtual Learning Lab (credit recovery)		9012
_____	Military Skills Academy	(9-12)	6008
_____	Carpentry	(12) MCTC	1501
_____	Welding	(12) MCTC	1500
_____	HVAC	(12) MCTC	1502

*Course descriptions can be found on Rowan County Senior High Schools website under Guidance, Scheduling.