

# JMRHS Career & Technical Education Course Offerings - Registration for 2020-2021

## Recommended CTE Electives per Grade level by Cluster and Pathway

9th

10th

11th

12th

### Architecture & Construction Career Cluster (ARCH)

#### Drafting Architectural Career Pathway (DRFA)

IC61 Drafting I	IC61 Drafting I
IC62 Drafting II - Architectural Honors*	IC62 Drafting II - Architectural Honors*
IC62 Drafting III - Architectural Honors	IC62 Drafting III - Architectural Honors

#### Masonry Career Pathway (MASO)

IC00 Core & Sustainable Construction	
IC11 Masonry I	IC11 Masonry I
	IC12 Masonry II*
	IC13 Masonry III

### Arts, AV Technology, & Communications Career Cluster (AAVVC)

#### Adobe Academy Career Pathway (ADAC)

MM51 Marketing I	
II31 Adobe Visual Design	II31 Adobe Visual Design
	II32 Adobe Digital Design*

#### Apparel and Textile Production Career Pathway (ATPR)

II31 Adobe Visual Design	II31 Adobe Visual Design
FA31 Apparel & Textile Production I	FA31 Apparel & Textile Production I
	FA32 Apparel & Textile Production II*
	MI21 Fashion Merchandising

### Business Management & Administration Career Cluster (BMA)

#### General Management Career Pathway (GMGT)

BF10 Principles of Business & Finance	
BB40 Business Management I	BB40 Business Management I
	BB42 Business Management II

### Health Science Career Cluster (HL TH)

#### Healthcare Professional Career Pathway (HPCP)

HU10 Foundations of Health Science	
HU40 Health Science I Honors	HU40 Health Science I Honors
	HU42 Health Science II Honors*
	HN43 Nursing Fundamentals Honors

### Human Services Career Cluster (HUMA)

#### Food & Nutrition Career Pathway (FONU)

FC111 Principles of Family & Human Services	
FN41 Food and Nutrition I	FN41 Food and Nutrition I
	FN42 Food and Nutrition II*

### Information Technology Career Cluster (INFO)

#### Python Programming Career Pathway (PYPR)

BP14 Python Programming I	BP14 Python Programming I
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9th		10th		11th		12th	
				BPXX Python Programming II*		BPXX Python Programming II*	
<b>Manufacturing Career Cluster (MANU)</b>							
<b>Advanced Manufacturing Career Pathway (ADMA)</b>							
IK11 Introduction to Engineering		IM11 Advanced Manufacturing I		IM11 Advanced Manufacturing I		IM12 Advanced Manufacturing II*	
				IM12 Advanced Manufacturing II*			
<b>Marketing Career Cluster (MRKT)</b>							
<b>Marketing Management Career Pathway (MMGT)</b>							
BF10 Principles of Business		BF10 Principles of Business					
MM51 Marketing I		MM51 Marketing I		MM51 Marketing I			
		MA52 Marketing Applications*		MA52 Marketing Applications*		MA52 Marketing Applications*	
<b>Science, Technology, Engineering &amp; Mathematics Career Cluster (STEM)</b>							
<b>Drafting Engineering Career Pathway (DREN)</b>							
IC61 Drafting I		IC61 Drafting I		IC61 Drafting I			
		IV22 Drafting II - Engineering Honors*		IV22 Drafting II - Engineering Honors*		IV22 Drafting II - Engineering Honors*	
				IV23 Drafting III - Engineering Honors		IV23 Drafting III - Engineering Honors	
<b>Robotics Career Pathway (ROB)</b>							
IK11 Introduction to Engineering							
TL18 Robotics I		TL18 Robotics I		TL18 Robotics I			
		TL19 Robotics II*		TL19 Robotics II*		TL19 Robotics II*	
<b>Transportation, Distribution &amp; Logistics Career Cluster (TRAN)</b>							
<b>Automotive Services Career Pathway (AUTO)</b>							
IT11 Automotive Service Fundamentals		IT11 Automotive Service Fundamentals					
		IT16 Automotive Service I		IT16 Automotive Service I			
				IT17 Automotive Service II*		IT17 Automotive Service II*	
						IT18 Automotive Service III	
<b>Academy of Engineering &amp; Automation</b>							
IK11 Introduction to Engineering		TL18 Robotics I		TL18 Robotics I		TL19 Robotics II*	
		IM11 Advanced Manufacturing I		TL19 Robotics II*		IM12 Advanced Manufacturing II*	
		IC61 Drafting I		IM11 Advanced Manufacturing I		IV22 Drafting II - Engineering Honors*	
				IM12 Advanced Manufacturing II*		TL09 Principles of Engineering	
				IC61 Drafting I		IK35 3D Solid Modeling	
				IV22 Drafting II - Engineering Honors *			
<b>More CTE...</b>							

More Career & Technology Education (CTE) courses/career clusters may be offered at other CCS High Schools, such as Agriculture, Animal Science, Public Safety, Culinary Arts, etc.  
See Ms. Glover in Student Services for more information. kendra.glover@cabarrus.k12.nc.us.

CTE Internships and Apprenticeships are considered Enhancement courses for ALL CTE Career Clusters. See Ms. Parlier for more information. kristi.parlier@cabarrus.k12.nc.us

Additional Career & College Promise courses and programs are offered through Rowan Cabarrus Community College: [www.rccc.edu/highschool](http://www.rccc.edu/highschool).  
Additional online courses via NC Virtual Public Schools: [www.ncvps.org/ncvps-course-catalog](http://www.ncvps.org/ncvps-course-catalog). Contact your counselor for more information.