Agriculture, Food and Natural Resources:

*CTE Agribusiness Track*

0101 Intro to Agriculture, Food and Natural Resources

 0102 The Science of Agriculture

Choose one of the following:

0112 Fundamentals of Ag Mechanics

0139 Fundamentals of Animal Processing

0140 Animal Production and Management

AND 0134 Agricultural Experience Program (SAE Record book)

CTE Animal Processing Track:

0101 Intro to Agriculture, Food, and Natural Resources

0139 Fundamentals of Animal Processing

0151 Animal Processing-Retail

AND 0134 Agricultural Experience Program (SAE Record Book)

*CTE Animal Systems Track*

0101 Intro to Agriculture, Food and Natural Resources

0140 Animal Production Management

0230 Livestock Production

AND 0134 Agricultural Experience Program (SAE Record book)

*CTE Power, Structural and Technical Systems*

0101 Intro to Agriculture, Food and Natural Resources

0112 Fundamentals of Agriculture Mechanics

0114 Agriculture Equipment and Repair

AND 0134 Agricultural Experience Program (SAE Record book)

Agriculture Non- CTE Track:

1. Intro to Agriculture
2. Spanish

 5662 Spanish II (Or two other World Languages)

6033 Chemistry II or 2910 Environmental Science

Architecture and Construction:

*CTE Construction Concentration*

1. Carpentry I
2. Carpentry II
3. Carpentry III

 1845 Carpentry IV

Non CTE Architecture Concentration.

1842 Carpentry I or 1827 Fundamentals of Building Construction

5661 Spanish I

 5662 Spanish II (Or two other World Languages)

 2031 CIM I

**Arts, A/V Technology and Communication**

*Non CTE Arts, A/V Technology and Communication*

3221 Art I

5661 Spanish I

5662 Spanish II (or two other World Languages)

1431 Digital Imaging, 4021 Advanced Communication or

 4158 Critical Viewing

 *Non CTE Performing Arts*

3211 Art I 3611 Band I 3211 Art I

3212 Art II OR 3612 Band II OR 3212 Art II

3213 Art III 3613 Band III 3213 Art III

3214 Art IV 3614 Band IV 3214 Art IV

 Business Management and Administration

 *CTE Management and* Ad*ministrative Support*

1439 Intro to Business and Marketing

Choose three of the following:

 1401 Accounting I

 1411 Business Computer I

 1413 Business Computer II

 1451 Personal Finance

 1449 Office Management

Non CTE Business Management and Administration

 5661 Spanish I

 5662 Spanish II (or two other World Languages)

Choose any two:

 1439 Intro to Business and Marketing

 4021 Advanced Communications

 1401 Accounting I

 1411 Business Computer I

**Education and Training**

 *Non CTE Education and Training*

 1003 Early Childhood Education I

 5661 Spanish I

 5662 Spanish II (or two other World Languages)

 4012 Advanced Communications or 4158 Critical Viewing

**Finance**

Non CTE Finance

1401 Accounting I

1451 Personal Finance

5661 Spanish I

 5662 Spanish II (or two other World Languages)

**Government and Public Administration**

 CTE JROTC

 1065 JROTC I

 1066 JROTC II

 1080 JROTC III

 1081 JROTC IV

*Non CTE Government* and Public Administration

1225 Fundamentals of Public Safety Leadership

7109 Law Studies

5661 Spanish I (or other World Language)

1065 JROTC

**Health Sciences**

*CTE Biomedical Science*

0727 Principles of Biomedical Sciences

0766 Human Body Systems

0780 Medical Interventions

0795 Biomedical Innovation: Capstone

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**JMHS Career Clusters**

**2017-2018**

Note: CTE Cluster Completers will graduate from Monroe County Technical Center in addition to JMHS.

 **Health Sciences continued**

*CTE Therapeutic Services*

0711 Foundations of Health Science

0715 Advanced Principles of Health Science

0789 Clinical Specialty I

0790 Clinical Specialty II and 0730 Health Science Clinical

*Non CTE Health sciences*

0721 Medical Terminology

6033 Chemistry II or 6041 Physics

6103 Human Anatomy

6023 Biology II or 3021AP Biology or 6044 Forensic Science

**Hospitality and Tourism**

Non CTE Hospitality and Tourism

1439 Intro to Business and Marketing

3671 Music Appreciation

5661 Spanish I

5662 Spanish II (or two other World Languages)

Human Services

*CTE Early Childhood Education*

 1003 Early Childhood Education I

1004 Early Childhood Education II

1008 Early Childhood Education III

 1009 Early Childhood Education IV

*Non CTE Human services*

1003 Early Childhood Education I

1225 Fundamentals of Public Safety Leadership

5661 Spanish I

5662 5panish II (or two other World Languages)

**Information Technology**

*CTE Information Management*

1411 Business Computer I

1431 Digital Imaging I

1455 Web Page Publishing

AND 1413 Business Computer II, 1429 Desktop Publishing OR 1432 Digital Imaging II

*Non CTE Information Technology*

1431 Digital Imaging I

1225 Fundamentals of Public Safety Leadership

4071 Yearbook

1411 Business Computer I

Law, Public Safety, Correction and Security

*CTE Law and Public safety*

 1225 Fundamentals of Public Safety Leadership

 1226 Ethical Practices of Public Safety Leadership

 1034 Seminar in Corrections

 1039 Practical Applications of Public Safety

*Non CTE Law, Public safety, Correction and Security*

7109 Law Studies

1225 Fundamentals of Public Safety Leadership

5661 Spanish I

5662 Spanish II (or two other World Languages) or 4021 Advanced

 Communication

 Manufacturing

*Non CTE Manufacturing*

2031 CIM I

4021 Advanced Communications or 4071 Yearbook

5661 Spanish I

 5662 Spanish II (or two other World Languages)

Marketing

*Non CTE Marketing*

4021 Advanced Communications or 4071 Yearbook

1439 Intro to Business and Marketing

 5661 Spanish I

 5662 Spanish II (or two other World Languages)

Science, Technology, Engineering and Mathematics

*Non CTE STEM*

3015 Math III STEM

3048 Trigonometry

6041 Physics

6033 Chemistry II or 2910 Environmental Science

Transportation, Distribution and Logistics

*Non CTE Transportation*

6811 Driver's Education

4021 Advanced Communication or 0201 Grounds Maintenance

6733 Lifetime Fitness

1451 Personal Financ