# Citrus County Schools Career and Technical Education Programs of Study Guide 2019-2020

## Agriculture, Food and Natural Resources

### Agritechnology

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8106800 | 8106810 | Agriscience Foundations 1 | | FLFBR001- Agritechnology Specialist Certification | CHS CRH LHS |
| | 8106820 | Agritechnology 1 | | | |
| | 8106830 | Agritechnology 2 | A | FLFBR007- Agriculture Associate Certification | |
| | 8100330 | Advanced Concepts of Agriscience | A | | |
| | 8100100 | Agriculture Education Directed Study | | | |

### Animal Science and Service

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8106200 | 8106801 | Agriscience Foundations 1 | | FLFBR001- Agritechnology Specialist Certification | CRH |
| | 8106210 | Animal Science and Services 1 | | | |
| | 9106220 | Animal Science and Services 2 | A | FLFBR007- Agriculture Associate Certification | |
| | 8100100 | Agriculture Education Directed Study | | | |

## Architecture and Construction

### Air-Conditioning, Refrigeration and Heating Technology-Dual Enrollment

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| I470203 | ACR0041 | Air-Conditioning, Refrigeration and Heating Helper *Weighted Course* | A | NCCER018-NCCER HVAC 1 NCCER081-NCCER HVAC 2 NCCER082-NCCER HVAC3 NCCER083-NCCER HVAC4 EPA 608 Certification | WTC |
| | ACR0043 | Air-Conditioning, Refrigeration and Heating Mechanic Assistant *Weighted Course* | B | | |
| | ACR0047 | Air-Conditioning, Refrigeration and Heating Mechanic 1 *Weighted Course* | | | |
| | ACR0049 | Air-Conditioning, Refrigeration and Heating Mechanic 2 *Weighted Course* | C | | |
| | ACR0044 **OR** ACR0045 | Air-Conditioning, Refrigeration and Heating Technician **OR** Refrigeration Mechanic *Weighted Course* | D | | |

### Building Trades and Construction Design Technology -Dual Enrollment

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| C100100 | BCV0080 | Building Construction Assistant | A | | WTC |
| | BCV0081 | Carpentry and Masonry Technician | B | | |
| | BCV0082 | Electrical and Plumbing Technician | C | | |
| | BCV0083 | Building Maintenance Technician | D | | |

### Drafting

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8725000 | 8725010 | Drafting 1(Core) | A | AMDDA002-Apprentice Drafter – Architectural AMDDA003-Drafter - Architectural AMDDA004-Drafter - Mechanical AMDDA005-Apprentice Drafter - Mechanical | CHS CRH |
| | 8725020 | Drafting 2 | | | |
| | 8725030 | Drafting 3 *Weighted Course* | B | | |

| | 8725040 | Drafting 4 *Weighted Course* | | | |
|---|---|---|---|---|---|

| Electricity-Dual Enrollment | | | | | |
|---|---|---|---|---|---|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| I460312 | BCV0603 | Electrician Helper *Weighted Course* | A | NCCER010-Electrical Level 1 NCCER038-Electrical Level 2 NCCER039-Electrical Level 3 NCCER040-Electrical Level 4 | WTC |
| | BCV0640 | Residential Electrician *Weighted Course* | B | | |
| | BCV0652 | Commercial Electrician *Weighted Course* | C | | |

# Arts, A/V Technology and Communication

| Digital Design | | | | | |
|---|---|---|---|---|---|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| 8209600 | 8207310 | Digital Information Technology | A | ADOBE022-ADOBE Photoshop CC ADOBE010-ADOBE Dreamweaver ADOBE011-ADOBE Flash ADOBE020-ADOBE Illustrator ADOBE021-ADOBE InDesign PROSO016-(CIW) Internet Business Associate (8207310) | CHS CRH LHS |
| | 8209510 | Digital Design 1 | B | | |
| | 8209520 | Digital Design 2 *Weighted Course* | C | | |
| | 8209530 | Digital Design 3 *Weighted Course* | | | |
| | 8209540 | Digital Design 4 *Weighted Course* | | | |

| Digital Video Technology | | | | | |
|---|---|---|---|---|---|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| 8201400 | 8201410 | Digital Video Technology 1 | A | ADOBE018-ADOBE Premiere Pro | LHS |
| | 8201420 | Digital Video Technology 2 | | | |
| | 8201430 | Digital Video Technology 3 *Weighted Course* | | | |
| | 8201440 | Digital Video Technology 4 *Weighted Course* | | | |
| | 8201450 | Digital Video Technology 5 *Weighted Course* | B | | |

| Journalism | | | | | |
|---|---|---|---|---|---|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| 8771100 | 1006300 | Journalism I | A | ADOBE021-ADOBE InDesign ADOBE022-ADOBE Photoshop | LHS |
| | 8771110 | Industrial Communications | | | |
| | 8209510 | Digital Design 1 | | | |
| | 9001110 | Foundations of Web Design *Weighted Course* | | | |

| | | | | | |
|---|---|---|---|---|---|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| 8718100 | 8718110 | 3D Animation Technology 1 | A | TBOOM001-Harmony TBOOM-003-Storyboard | LHS |
| | 8718120 | 3D Animation Technology 2 | B | | |
| | 8718130 | 3D Animation Technology 3 | | | |
| | 8718140 | 3D Animation Technology 4 | | | |

## Business, Management and Administration

### Accounting Applications

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8302100 | 8207310 | Digital Information Technology | A | INTUT001-QuickBooks Certified User PROSO016-(CIW) Internet Business Associate PROSO016-(CIW) Internet Business Associate (8207310) | CRH LHS |
| | 8203310 | Accounting Applications I | | | |
| | 8203320 | Accounting Applications II *Weighted Course* | B | | |
| | 8203330 | Accounting Applications III *Weighted Course* | C | | |

### Administrative Office Specialist

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8212500 | 8207310 | Digital Information Technology | A | MICRO017-Office Master MICRO069-MOS Bundle ADOBE022-PhotoShop *PROSO016-(CIW) Internet Business Associate (8207310) | CHS CRH |
| | 8212110 | Administrative Office Technology 1 | | | |
| | 8212120 | Business Software Applications 1 | B | | |
| | 8209510 | Digital Design 1 | C | | |
| | 8212410 | Administrative Office Technology 2 | | | |
| | 8212420 | Administrative Office Technology 3 | | | |
| | 8212160 | Business Software Applications 2 | D | | |

### Business Management and Analysis

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8301100 | 8207310 | Digital Information Technology | A | MICRO017-Office Master MICRO069-MOS Bundle INTUT001-QuickBooks Certified User | CHS CRH |
| | 8215120 | Business and Entrepreneurial Principals | | | |
| | 8203310 | Accounting Applications | B | | |

*Meets the On-Line Graduation Requirement*

### Medical Administrative Specialist-Dual Enrollment

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| B070300 | OTA0040 | Information Technology Assistant *Weighted Course* | A | *MICRO069-MOS Bundle NATHA003-CMAA *PROSO016-(CIW) Internet Business Associate (8207310) | WTC |
| | OTA0041 | Front Desk Specialist *Weighted Course* | B | | |
| | OTA0631 | Medical Office Technologist *Weighted Course* | C | | |
| | OTA0651 | Medical Administrative Specialist *Weighted Course* | D | | |

*Meets the On-Line Graduation Requirement*

## Education and Training

### Early Childhood Education

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8405100 | 8405110 | Early Childhood Education 1 | A | FLDCF00-Staff Credentials FLDOE001-Professional Cert. | CHS CRH |
| | 8405120 | Early Childhood Education 2 | B | | |
| | 8405130 | Early Childhood Education 3 *Weighted Course* | C | | |
| | 8405140 | Early Childhood Education 4 *Weighted Course* | D | | |

### Principles of Teaching

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8909000 | 8909010 | Introduction to the Teaching Profession | A | EDTSO001-ParaPro *MICRO069-MOS Bundle | LHS |
| | 8909020 | Human Growth and Development | | | |
| | 8909030 | Foundations of Curriculum and Instruction *Weighted Course* | | | |
| | 8909040 | Principles of Teaching Internship | B | | |

## Health Science

### Dental Aide-Health Science Academy

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8417140 | 8417100 | Health Science Anatomy and Physiology | A | NATHA003-Certified Medical Administrative Assistant (CMAA) | CRH |
| | 8417110 | Health Science Foundations | | | |
| | 8417141 | Dental Aide 3 *Weighted Course* | B | | |

### Emergency Medical Responder-Health Science Academy

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8417170 | 8417100 | Health Science Anatomy and Physiology | A | IEMSR001-Emergency Medical Responder | CRH |
| | 8417110 | Health Science Foundations | | | |
| | 8417171 | Emergency Medical Responder 3 *Weighted Course* | B | | |

### Nursing Assistant-Health Science Academy

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8417210 | 8417100 | Health Science Anatomy and Physiology | A | FDMQA002-CNA | CRH |
| | 8417110 | Health Science Foundations | | | |
| | 8417211 | Nursing Assistant 3 *Weighted Course* | B | | |

### Biomedical Sciences-Health Science Academy

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8708100 | 8708110 | Principles of the Biomedical Sciences | | CERHB001-Biotechnician Assistant | CRH |
| | 8708120 | Human Body Systems | | | |
| | 8708130 | Medical Interventions *Weighted Course* | | | |
| | 8708140 | Biomedical Innovation *Weighted Course* | | | |

### Patient Care Assistant-Dual Enrollment (Full time only)

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| H170692 | HSC0003 | Basic Healthcare Worker *Weighted Course* | A | FDMQA002-CNA | WTC |
| | HCP0121 | Nurse Aide and Orderly (Articulated) *Weighted Course* | B | | |
| | HCP0332 | Advanced Home Health Aide *Weighted Course* | C | | |
| | HCP0020 | Patient Care Assistant *Weighted Course* | D | | |

## Hospitality and Tourism

### Culinary Arts

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 8800500 | 8800510 | Culinary Arts 1 | A | NRAEF002-ProStart NRAEF003-ServSafe | CHS CRH LHS |
| | 8800520 | Culinary Arts 2 | B | | |
| | 8800530 | Culinary Arts 3 *Weighted Course* | C | | |

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---------|----------|------|-----|------------------------|-----------|
|  | 8800540 | Culinary Arts 4 (Track 1) *Weighted Course* **OR** | D |  |  |
|  | 8800550 | Culinary Arts 4 (Track 2) *Weighted Course* **OR** | D |  |  |
|  | 8800560 | Culinary Arts 4 (Track 3) *Weighted Course* | D |  |  |

| Professional Culinary Arts & Hospitality-Dual Enrollment | | | | | |
|---------|----------|------|-----|------------------------|-----------|
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| N100500 | HMV0100 | Food Preparation *Weighted Course* | A | NRAEF003-ServSafe | WTC |
|  | HMV0170 | Cook – Restaurant *Weighted Course* | B |  |  |
|  | HMV0171 | Chef/Head Cook *Weighted Course* | C |  |  |
|  | HMV0126 | Food Service Management *Weighted Course* | D |  |  |

# Human Services

| Cosmetology (Full time only) | | | | | |
|---------|----------|------|-----|-----------|-----------|
| Program | Course # | Name | OCP | Licensure | School(s) |
| 8905100 | 8757210 | Grooming and Salon Services Core 1 |  | FLDOP002-Cosmetologist | WTC |
|  | 8905120 | Cosmetology Nails 2 |  |  |  |
|  | 8905130 | Cosmetology Facials 3 |  |  |  |
|  | 8905140 | Cosmetology 4 |  |  |  |
|  | 8905150 | Cosmetology 5 |  |  |  |
|  | 8905160 | Cosmetology 6 |  |  |  |
|  | 8905170 | Cosmetology 7 |  |  |  |
|  | 8905180 | Cosmetology 8 |  |  |  |
|  | 8905190 | Cosmetology 9 | A |  |  |

# Information Technology

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| | *Applied Cybersecurity-Dual Enrollment | | | | |
| | Course # | Name | OCP | Industry Certifications | School(s) |
| Y100300 | CTS0018 | Cybersecurity Associate *Weighted Course* | A | *COMPT008-CompTIA Security+ | WTC |
| | CTS0019 | Information Security Manager *Weighted Course* | B | | |
| *Meets the On-Line Graduation Requirement* | | | | | |
| | *Computer Science Academy (Applied Information Technology POS) | | | | |
| | Course # | Name | OCP | Industry Certifications | School(s) |
| 9003400 | 8207310 | Digital Information Technology | A | *MICRO069-MOS Bundle *MICRO017-MOS Master *PROSO017-CIW JavaScript ADOBE010-Dreamweaver *MICRO078-(MTA) - Networking Fundamentals ADOBE022-Photoshop *PROSO016-(CIW) Internet Business Associate (8207310) | CHS |
| | 9003420 | Web Technologies | B | | |
| | 0200335 | AP Computer Science Principles *Weighted Course* | | | |
| | 0200325 | AP Computer Science A Innovation *Weighted Course* | | | |
| | 9003450 | Programming Essentials *Weighted Course* | D | | |
| | 9003490 | Cybersecurity Fundamentals *Weighted Course* | H | | |
| *Meets the On-Line Graduation Requirement* | | | | | |
| | *Digital Media Technology | | | | |
| | Course # | Name | OCP | Industry Certifications | School(s) |
| 9005100 | 8207310 | Digital Information Technology | A | ADOBE018-ADOBE Premiere Pro ADOBE022-Photoshop *PROSO016-(CIW) Internet Business Associate (8207310) | CHS CRH |
| | 9005110 | Digital Media Fundamentals | | | |
| | 9005120 | Digital Media Production Systems *Weighted Course* | B | | |
| | 9005130 | Digital Media Delivery Systems *Weighted Course* | | | |
| | 9005140 | Advanced Digital Media Systems *Weighted Course* | | | |
| *Meets the On-Line Graduation Requirement* | | | | | |
| *Network Systems Administration-Dual Enrollment | | | | | |
| Program | Course # | Name | OCP | Industry Certifications | School(s) |
| B079300 | OTA0040 | Information Technology Assistant *Weighted Course* | A | *COMPT001-CompTIA A+ *COMPT006-CompTIA Network *COMPT008-CompTIA Security+ | WTC |
| | EEV0504 | Computer Support Assistant *Weighted Course* | B | | |
| | CTS0026 | Network Support Technician *Weighted Course* | C | | |

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| | CTS0027 | Systems Administrator<br>*Weighted Course* | D | | |
| | CTS0028 | Systems Engineer<br>*Weighted Course* | E | | |
| | CTS0029 | Wireless Network Administrator<br>*Weighted Course* | F | | |
| | EEV0317 | Data Communications Analyst<br>*Weighted Course* | G | | |

*Meets the On-Line Graduation Requirement*

**\*Technology Support Services-Dual Enrollment**

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| Y100100 | CTS0059 | Technology Support Specialist<br>*Weighted Course* | A | *COMPT001-CompTIA A+ | WTC |

*Meets the On-Line Graduation Requirement*

**\*Web Development**

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| 9001100 | 8207310 | Digital Information Technology | A | ADOBE022-ADOBE Photoshop CC<br>ADOBE010-ADOBE Dreamweaver<br>ADOBE011-ADOBE Flash<br>ADOBE020-ADOBE Illustrator<br>ADOBE021-ADOBE InDesign<br>*PROSO016-(CIW) Internet Business Associate (8207310) | CRH<br>LHS |
| | 9001110 | Foundations of Web Design | | | |
| | 9001120 | User Interface Design<br>*Weighted Course* | B | | |
| | 9001130 | Web Scripting Fundamentals<br>*Weighted Course* | | | |
| | 9001140 | Media Integration Essentials<br>*Weighted Course* | C | | |
| | 9001150 | E-Commerce & Marketing Essentials<br>*Weighted Course* | | | |
| | 9001160 | Interactivity Essentials<br>*Weighted Course* | D | | |

*Meets the On-Line Graduation Requirement*

## Manufacturing

**Welding Technology-Dual Enrollment**

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| J400400 | PMT0070 | Welder Assistant 1<br>*Weighted Course* | A | NCCER061-Welding-Level 1 | WTC |
| | PMT0071 | Welder Assistant 2<br>*Weighted Course* | | | |
| | PMT0072 | Welder, SMAW 1<br>*Weighted Course* | | | |
| | PMT0073 | Welder, SMAW 2<br>*Weighted Course* | B | | |
| | PMT0074 | Welder<br>*Weighted Course* | C | | |

## Transportation, Distribution and Logistics

### Automotive Collision Technology Technician-Dual Enrollment

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| T401300 | ARR0140 | Automotive Collision Repair and Refinishing Helper/Assistant<br>*Weighted Course* | A | NIASE076-ASE - Auto Maintenance and Light Repair (G1) | WTC |
| | ARR0141 | Automotive Collision Refinishing Technician<br>*Weighted Course* | B | | |
| | ARR0312 | Non-Structural Damage Repair Technician<br>*Weighted Course* | C | | |
| | ARR0022 | Damage Analysis and Estimating<br>*Weighted Course* | D | | |
| | ARR0112 | Automotive Collision Welding, Cutting and Joining<br>*Weighted Course* | E | | |
| | ARR0295 | Structural Damage Repair Technician<br>*Weighted Course* | F | | |

### Automotive Service Technology-Dual Enrollment

| Program | Course # | Name | OCP | Industry Certifications | School(s) |
|---|---|---|---|---|---|
| I470608 | AER0014 | Automobile Services Assistor<br>*Weighted Course* | A | NIASE076-ASE - Auto Maintenance and Light Repair (G1) | WTC |
| | AER0110 | Engine Repair Technician<br>*Weighted Course* | B | | |
| | AER0257 | Automatic Transmission and Transaxle Technician<br>*Weighted Course* | C | | |
| | AER0274 | Manual Drivetrain and Axle Technician<br>*Weighted Course* | D | | |
| | AER0453 | Automobile Suspension and Steering Technician<br>*Weighted Course* | E | | |
| | AER0418 | Automotive Brake System Technician<br>*Weighted Course* | F | | |
| | AER0360 | Automotive Electrical/Electronic System Technician<br>*Weighted Course* | G | | |
| | AER0172 | Automotive Heating and Air Conditioning Technician<br>*Weighted Course* | H | | |
| | AER0503 | Automotive Engine Performance Technician<br>*Weighted Course* | I | | |