

2018 – 2019
Career and Technical Education Curriculum Changes at
Monroe Advanced Technical Academy

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Course Adjustments

The following course(s) will be adjusted from a one-year 36-week course to a semester 18-week course:

1. **Administration of Justice I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
2. **Administration of Justice II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
3. **Auto Collision Repair Technology I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
4. **Auto Collision Repair Technology II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
5. **Auto Servicing Technology I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
6. **Auto Servicing Technology II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
7. **Building Construction I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
8. **Building Construction II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
9. **Culinary Arts I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
10. **Culinary Arts II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
11. **Emergency Medical Technician** will be renamed to Emergency Medical Technician I and will be offered as first-semester 18-week course.
12. **Firefighter** will be renamed to Firefighter II and will be offered as a second-semester 18-week course.
13. **Graphic Communications I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
14. **Graphic Communications II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
15. **HVAC I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
16. **HVAC II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
17. **Masonry** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
18. **Masonry, Advanced** will be renamed to Masonry II and will be adjusted from a one-year 36-week course to a second-semester 18-week course.
19. **Practical Nursing (PN) I/Certified Nurse Aide (CNA)** will be adjusted from a one-year 36-week course to a first-semester 18-week course and second-semester 18-week course.
20. **Television Production / Digital Moviemaking I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
21. **Television Production / Digital Moviemaking II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.
22. **Welding I** will be adjusted from a one-year 36-week course to a first-semester 18-week course.
23. **Welding II** will be adjusted from a one-year 36-week course to a second-semester 18-week course.



Scheduling Sample Example:

	2016 – 2017 SY	2017 – 2018 SY	2018 – 2019 SY	2019 – 2020 SY
Semester I	A – Culinary Arts I B – Culinary Arts II	A – Culinary Arts I B – Culinary Arts II	A – Culinary Arts I SEM B – Culinary Arts II	A – Culinary Arts I SEM B – Culinary Arts I SEM
Semester II	A – Culinary Arts I B – Culinary Arts II	A – Culinary Arts I B – Culinary Arts II	A – Culinary Arts II SEM B – Culinary Arts II	A – Culinary Arts II SEM B – Culinary Arts II SEM



Course Additions

The following course(s) will be added to ensure at least two sequential electives as required by the Standards of Quality.

1. Advanced Networking II, III, IV (8543, 8544, 8545)
2. Computer Integrated Engineering and Design II (8453)
3. Computer Systems Technology I (8622)
4. Emergency Medical Technician II (8334)
5. Firefighter I (8705)



Course Revisions and Adjustments

The following course(s) were revised by the Virginia Department of Education and will be adjusted:

1. Computer Systems Technology (8623)



Course Transitions

All existing Monroe Technology Center Courses will be renamed as follows:

Current Course Names	Future Course Names (2018 -)
Administration of Justice I	MATA Administration of Justice I SEM
Administration of Justice II	MATA Administration of Justice II SEM
Advanced Networking/Networking Administration (CISCO)	MATA Advanced Networking / CISCO I
Auto Collision Repair Technology I	MATA Auto Collision Repair Technology I SEM
Auto Collision Repair Technology II	MATA Auto Collision Repair Technology II SEM
Auto Servicing Technology I	MATA Auto Servicing Technology I SEM
Auto Servicing Technology II	MATA Auto Servicing Technology II SEM
Biotechnology	MATA Biotechnology
Building Construction I	MATA Building Construction I SEM
Building Construction II	MATA Building Construction II SEM
Computer & Digital Animation I	MATA Computer & Digital Animation I
Computer & Digital Animation II	MATA Computer & Digital Animation II
Computer Integrated Engineering & Design (CIED)	MATA Computer Integrated Engineering & Design (CIED) I
Computer Systems Technology	MATA Cybersecurity I
Cosmetology I SEM	MATA Cosmetology I SEM
Cosmetology II SEM	MATA Cosmetology II SEM
Cosmetology III SEM	MATA Cosmetology III SEM
Culinary Arts I	MATA Culinary Arts I SEM
Culinary Arts II	MATA Culinary Arts II SEM
Emergency Medical Technician (EMT)	MATA Emergency Medical Technician (EMT) I SEM
Environmental Plant Sciences	MATA Environmental Plant Sciences
Firefighter	MATA Firefighter II SEM
Graphic Communications I	MATA Graphic Communications I SEM
Graphic Communications II	MATA Graphic Communications II SEM
Heating, Ventilation, & Air Conditioning (HVAC) I	MATA Heating, Ventilation, & Air Conditioning (HVAC) I SEM
Heating, Ventilation, & Air Conditioning (HVAC) II	MATA Heating, Ventilation, & Air Conditioning (HVAC) II SEM
Introduction to Health and Medical Sciences	MATA Introduction to Health and Medical Sciences
Masonry	MATA Masonry I SEM
Masonry, Advanced	MATA Masonry II SEM
Medical Laboratory Technology I	MATA Medical Laboratory Technology I
Medical Laboratory Technology II	MATA Medical Laboratory Technology I
Nail Design Technology	MATA Nail Design Technology SEM
Pharmacy Technology I	MATA Pharmacy Technology I
Pharmacy Technology II	MATA Pharmacy Technology II
Practical Nursing (PN) I/Certified Nurse Aide (CNA)	MATA Practical Nursing (PN) I/Certified Nurse Aide (CNA) SEM



	MATA Practical Nursing (PN) II/Certified Nurse Aide (CAN) SEM
Practical Nursing II	MATA Practical Nursing III
Radiology Technology I	MATA Radiology Technology I
Radiology Technology II	MATA Radiology Technology II
Television Production I/Digital Moviemaking I	MATA Television Production I/Digital Moviemaking I SEM
Television Production II/Digital Moviemaking II	MATA Television Production I/Digital Moviemaking II SEM
Veterinary Science	MATA Veterinary Science
Welding I	MATA Welding I SEM
Welding II	MATA Welding II SEM



MATA Future Course Offering

Course Name	Course Length (weeks)
MATA Administration of Justice I SEM	18
MATA Administration of Justice II SEM	18
MATA Advanced Networking / CISCO I	9
MATA Advanced Networking / CISCO II	9
MATA Advanced Networking / CISCO III	9
MATA Advanced Networking / CISCO IV	9
MATA Auto Collision Repair Technology I SEM	18
MATA Auto Collision Repair Technology II SEM	18
MATA Auto Servicing Technology I SEM	18
MATA Auto Servicing Technology II SEM	18
MATA Biotechnology	36
MATA Building Construction I SEM	18
MATA Building Construction II SEM	18
MATA Computer & Digital Animation I	36
MATA Computer & Digital Animation II	36
MATA Computer Integrated Engineering & Design (CIED) I	36
MATA Computer Integrated Engineering & Design (CIED) II	36
MATA Cybersecurity I	36
MATA Cybersecurity II (2019 – 2020)	36
MATA Cosmetology I SEM	18
MATA Cosmetology II SEM	18
MATA Cosmetology III SEM	18
MATA Culinary Arts I SEM	18
MATA Culinary Arts II SEM	18
MATA Dental Technology I	36
MATA Dental Technology II (2019 – 2020)	36
MATA Emergency Medical Technician (EMT) I SEM	18
MATA Emergency Medical Technician (EMT) II SEM	18
MATA Environmental Plant Sciences	36
MATA Firefighter I SEM	18
MATA Firefighter II SEM	18
MATA Graphic Communications I SEM	18
MATA Graphic Communications II SEM	18
MATA Heating, Ventilation, & Air Conditioning (HVAC) I SEM	18
MATA Heating, Ventilation, & Air Conditioning (HVAC) II SEM	18
MATA Introduction to Health and Medical Sciences	36
MATA Masonry I SEM	18
MATA Masonry II SEM	18
MATA Medical Laboratory Technology I	36
MATA Medical Laboratory Technology II	36

MATA Nail Design Technology SEM	18
MATA Pharmacy Technology I	36
MATA Pharmacy Technology II	36
MATA Practical Nursing (PN) I/Certified Nurse Aide (CNA) SEM	18
MATA Practical Nursing (PN) II/Certified Nurse Aide (CNA) SEM	18
MATA Practical Nursing III	36
MATA Radiology Technology I	36
MATA Radiology Technology II	36
MATA Television Production I/Digital Moviemaking I SEM	18
MATA Television Production I/Digital Moviemaking II SEM	18
MATA Veterinary Science	36
MATA Welding I SEM	18
MATA Welding II SEM	18