


ETA® Master Technician (CETma) Matrix

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The ETA® International **Certified Electronics Technician Master (CETma)** certification is designed for any professional in the multiple fields of electronics such as: field technicians, engineers, educators, technician-managers, military and consultants. The **CETma** is the highest level of ETA certification available. While the **CETma** certification never expires, you may have individual certifications that should continue to be maintained, {see **DISCLAIMER** below}. All eligible earned certifications must be maintained and current at the time **Master CET** certification is requested. A successful **ETA® CET Master (CETma)** will receive a NEW certification and wallet card. The **CETma** is valid for life. A professional with six or more years combined electronics training and/or work experience, as well as having earned an **Associate (CETa)** with six additional certifications* may be eligible for the **Certified Electronics Technician Master (CETma)** certification. Annual ETA membership reduces to \$25 as a **CETma** benefit.

A **CETma** wall plaque may be purchased for an additional fee of \$75. Contact the ETA office.

Certification Categories:

 Biomedical ^A	 Miscellaneous ^B
 Video ^A	 Consumer ^B
 Fiber Optics ^A	 IT Computer ^B
 Electrical ^A	 Smart Home ^B
 Photonics and Precision Optics ^B	 Renewable Energy ^B
 Telecommunications ^B	 RF Communications ^{C +}

Qualifications:

1. Earned the **CETa** plus a minimum of six additional active certifications within the requirements listed on the category chart
2. Acquired six or more years in electronics training and/or work experience combined
3. All ETA certifications used toward earning either Master Certification must be maintained and be in currently active status
4. Have not already achieved **Master CET (CETma)** Certification level (you cannot earn TWO **CETma** certifications)

DISCLAIMER: Although the **Master CET Certification (CETma)** is a lifetime, non-expiring achievement, a person with maintainable individual certifications (earning the **CETma**) has the option to continue to keep the status of their individual certifications current. Some individual Journeyman, Senior or eligible Stand-Alone certifications do not remain permanently current when **CETma** status is achieved (e.g. **Fiber Optics Technician**-maintenance required to stay current in this field, **R56 Installer**-recertification every 4 years by testing/new class, etc.). If your employment hinges on your individual **Journeyman (CET)** certification status you will want to ensure you are up-to-date with your maintenance. See individual certification details for guidelines.

* = Review the category chart for additional restrictions

Bio-med A	Biomedical Imaging Electronics Technician (BIET) Biomedical Equipment Technician (BMD)
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Fiber A	Aerospace Fiber Optics Fabricator (FAB, SFF, SAFF) ARINC Installer (AFI) ARINC Technician (AFT) A. Fiber Evaluation & Endface Cleaning (FEEC) Broadband Fiber Installer (BFI) B.F. Technician (BFT) Fiber Optics Designer (FOD) Fiber Optics Installer (FOI) Fiber Optics Technician (FOT) Fiber Optics Technician - Inside Plant (FOT-ISP) Fiber Optics Technician - Outside Plant (FOT-OSP) Fiber To Any Antenna (FTAA) (formerly FTTA) Fiber/Copper Integration - Outside Plant (FCI-OSP)
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RF Communications C +	Micro-wave RADAR	RADAR Electronics (RAD)
	Land Mobile Radio	Wireless Communications (WCM) ¹ General Communications Tech.-Level 2 (GCT2) ¹ TRN ^R (formerly USMSS/MSS ^R) ¹ Personal Comm. Service-Cellular (PCS-C) ^R
	Specialty	Antenna System Commissioning (ASC) ² (formerly ASA) Line & Antenna Sweep (LAS) ² RF Interference Mitigation (RFIM) (or AIM ^R) ³ Signal Investigation Techniques (RF-SIT) ³ Distributed Antenna Systems (DAS)(DASI)(DASC)# GTR RF Site Performance Verification (GTR-SPV) Passive Intermodulation (PIM) Radio Frequency ID Technical Specialist (RFID)

Photonics and Optics B	Photonics Technician Operator (PTO) Photonics Technician Specialist (PTS) Technician in Precision Optics (TPO) Specialist in Precision Optics (SPO)
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Telecom B	Broadband VoIP (B-VoIP) ^R Data Cabling Installer (DCI) T1 Link Verification (T1LV) Telecommunications (TCM)
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Smart Home B	Certified Alarm Security Technician (CAST) Smart Technology Systems (STS) [#] {formerly RESI} Electronic Networking Security Technician (ESNT)
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Consumer B	Consumer Electronics (CEST) ^R Satellite Installer (CSI) [#]
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Computer IT B	Information Technology Security (ITS) Network Systems Technician (NST) Computer Service Technician (CST) Wireless Network Technician (WNT) Certified Web Specialist (CWS) ^R Network Computer Technician (NCT) ^R
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Renewable Energy B	Photovoltaic Installer (PVI1) Photovoltaic Installer/Designer (PV2) Small Wind Installer (SWI) Electric Vehicle Technician (EVT)
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Electrical A	R56 Comm. Site Installer (R56) ⁴ Comm. Site Inspector/Auditor (CSIA) ⁴
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Misc. B	Avionics Electronics (AVN) Commercial Audio Technician (CAT) Industrial Electronics (IND)
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Video A	Audio-Video Forensic Analyst (AVFA) Video Evidence Systems Implementation (VESI) VM EL OnPrem Systems Implementation (VOSI)
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R = Retired cert.

MATRIX LEGEND SUPERSSCRIPTS

A = Only one exam from this category may count toward CETma.

B = Maximum of two exams from this category may be used toward CETma.

C = Maximum of three exams from the RF category may be used toward CETma.

= This certification has endorsements/levels; endorsements do not count toward CETma, levels may only count as one toward CETma.

1 = WCM or GCT2 (USMSS/TRN) may only count as one toward CETma.

2 = Either ASC (ASA) or LAS may only count as one toward CETma.

3 = Either RFIM (AIM) or RF-SIT may only count as one toward CETma.

4 = R56 Installer or Inspector/Auditor may only count as one toward CETma.