### Level I

**1st Quarter**
- MTF101: Foundations of Metal Fabrication **45**
- MTF111: Tools & Equipment I **30**
- MTF121: Measurement & Layout **45**
- PFS109: Leadership Principles **7.5**

**2nd Quarter**
- MTF141: Fabrication of Light Gauge Projects I **45**
- MTF122: Pattern Development I **45**
- MTF112: Tools & Equipment II **30**
- PFS110: Leadership Principles **7.5**

**3rd Quarter**
- MTF151: Introduction of Metallurgy **30**
- MTF133: Introduction to Oxyacetylene Cutting **45**
- MTF171: Introduction to Blueprint Reading **45**
- PFS120: Total Quality Principles **7.5**

**4th Quarter**
- MTF131: Shielded Metal Arc Welding **45**
- MTF161: Introduction to Fasteners **30**
- MTF142: Fabrication of Light Gauge Projects II **45**
- PFS121: Business Principles **7.5**

**Total:** 127.5

---

### Level II

**1st Quarter**
- MTF211: Power Tool and Machine **30**
- MTF231: Gas Metal Arc Welding I **45**
- MTF241: Sheet Fabrication I **30**
- BFM301/SRS299: Business Finance/Skill Practice **15**

**2nd Quarter**
- MTF221: Pattern Development II **30**
- MTF232: Gas Metal Arc Welding II **45**
- MTF271: Blueprint Reading II **30**
- BFM301/SRS299: Business Finance/Skill Practice **15**

**3rd Quarter**
- MTF243: Structural Fabrication **30**
- MTF244: Bend Allowances **30**
- MTF281: Job Shadowing **45**
- PFS310: Total Quality Principles **7.5**
- BFM301/SRS299: Business Finance/Skill Practice **15**

**4th Quarter**
- MTF242: Sheet Fabrication II **45**
- MTF222: Fabrication Design **30**
- MTF233: Plasma Arc Cutting, Carbon Arc Cutting **30**
- PFS310: Total Quality Principles **7.5**
- BFM301/SRS299: Business Finance/Skill Practice **15**

**Total:** 127.5

---

### Level III

**1st Quarter**
- MTF321: Principles of Design for Specific Operations **30**
- MTF331: Gas Tungsten Arc Welding I **45**
- MTF322: Pattern Development III **45**

**2nd Quarter**
- MTF371: Blueprint Reading III **45**
- MTF323: Fabrication Project Development **45**
- MTF381: Employment Skills **30**

**3rd Quarter**
- MTF332: Gas Tungsten Arc Welding II **45**
- MTF333: Flux Core Arc Welding I **30**
- MTF351: Metal Characteristics & Properties **45**
- PFS209: Business Principles **7.5**

**4th Quarter**
- MTF342: Senior Project Fabrication **45**
- MTF334: Flux Core Arc Welding II **30**
- MTF341: Advanced Fabrication **45**
- PFS211: Business Principles **7.5**

**Total:** 127.5

---

Revision Date: July, 2017

Level II and III curriculum is taught in alternating years. Level II curriculum is offered in school years with even numbers in the fall, Level III with odd numbers.