



AUBURN • CHARLTON • DUDLEY • NORTH BROOKFIELD • OXFORD • PAXTON  
 RUTLAND • SOUTHBRIDGE • SPENCER • WEBSTER  
**Southern Worcester County Regional Vocational School District**  
**BAY PATH REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL**  
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**Curriculum Coordinator**

VMET.VDRAF.2.B.03	B:Fundamentals of Drafting and Design	Apply the design process.
VMET.VDRAF.2.B.03.01	B:Fundamentals of Drafting and Design	Evaluate a problem and develop a solution using the design process.
VMET.VDRAF.2.B.03.03	B:Fundamentals of Drafting and Design	Identify key elements that impact design.
VMET.VDRAF.2.E.06	E:Mechanical Drafting and Design	Differentiate mechanical components.
VMET.VDRAF.2.E.06.01	E:Mechanical Drafting and Design	Identify breaks, joints, couplings, bearings, clutches, belts, chains, gears, cams, etc.
VMET.VDRAF.2.E.07	E:Mechanical Drafting and Design	Identify electro-mechanical drawings.
VMET.VDRAF.2.G.01	G:Sustainability	Recognize Green Design.
VMET.VDRAF.2.G.01.01	G:Sustainability	Identify product design requirements.
VMET.VDRAF.2.G.01.02	G:Sustainability	Identify architectural design requirements (e.g., (LEED) Leadership in Energy and Environmental Design).
VMET.VDRAF.2.H.01.01	H:**Advanced** Architectural Drafting and Design	**Advanced** Determine the tributary area of structural elements on the designed residential house.
VMET.VDRAF.2.H.02	H:**Advanced** Architectural Drafting and Design	**Advanced** Redesign a parking lot.
VMET.VDRAF.2.H.02.01	H:**Advanced** Architectural Drafting and Design	**Advanced** Survey an existing parking lot.
VMET.VDRAF.2.H.02.02	H:**Advanced** Architectural Drafting and Design	**Advanced** Redesign the parking lot for maximum usage.
VMET.VDRAF.2.H.02.03	H:**Advanced** Architectural Drafting and Design	**Advanced** Estimate the cost of the redesign of the parking lot.