"Standards for Awarding a High School Diploma" .... M.A.C.T.E. members and our business partners believe the following items are critical for CTE.

Part of the Resolve: ..... "The Stakeholders group shall develop and present a model that integrates secondary school curricula, programs and services so that all secondary students can graduate from High School well prepared for the challenges of the 21st century." It continues to say..... "The Stakeholder group shall develop recommendations that demonstrate how students can meet graduation requirements using multiple pathways that include **career and technical education programs**."

1) CTE National Skills Standards or Statewide Licensing Standards need to be "cross-walked" with Maine's Learning Results to access academic proficiencies aligned with the awarding of a HS diploma. This could be modeled with Bill Daggett's work which has already cross-walked Maine Standards to academic areas in math, science, and language Arts. Meeting these standards should be considered toward graduation in lieu of similar standards aligned to academic core subjects.

Examples of National Skill Standards:

Automotives: NATEF, National Automotive Technicians Education Foundation

Culinary Arts: AFC, American Culinary Federation

Machine Tool Trades: NIMS, National Institute for Metalworking Skills

Engineering: PLTW, Project Lead The Way

Business computer applications: MOS, Microsoft Office Specialist

Health Occupations / CNA: Maine State Certification Skills

Computer Networking: CISCO, CISCO two-level training

Note: National Skills Standards are Rigorous & Relevant to 21st Century Skills

2) To include **Applied Arts** with the Visual and Performing Arts in accordance with chapter 104 and with the Maine Learning Results. This would allow students in CTE programs another option for fulfilling their Applied or Fine Arts requirement.

Note: examples of such work..... CAD designs from original projects, web page design / development, Marketing plans with brochures and artwork, auto body painting / design, Engineering projects, etc ..... the options are endless. All Applied Arts will conform to the Standards set forth in chapter 104.

3) Recognition of student completion of National Skills Standards Certification. Any CTE student completing the rigorous standards in any National Skills Certification protocol needs to be recognized as having met some of the Standards for High School graduation. The skills aligned to these National Certifications will be cross-walked with MLR's and recognized in lieu of the traditional academic courses.

Note: presently there is no recognition or acknowledgement toward a HS Diploma for any CTE student becoming certified in any nationally validated Industry/Business set of Standards of achievement. This is critical for the recognition and validation aligned to Performance Based Learning.

4) College credits earned in CTE programs should be recognized as viable learning experiences in the awarding of a HS Diploma. Within this framework, these college credits should be recognized as academic experiences and may be used as meeting the standards in applicable core academic areas defined by Maine Learning Results.

Note: most high schools in Maine consider any college credit earned by HS students as an additional credit not counting toward the "credit requirements" outlined for HS graduation.