

LightSpeed Technologies, in connection with SkillsUSA, to provide Free On-Line Courses to Top winners of SkillsUSA Sheet Metal and Welding Competitions

The Top 3 National Winners from both the Sheet Metal and the Welding Competitions, will each be given the opportunity to “connect” to the most up-to-date industry approved and endorsed Metals Processing Methods e-courses *on line*. Students interested in a career in Sheet Metal or Welding will be provided the foundation skills for these areas in the workplace.



As an added bonus for the high school student who wishes to pursue a college education or for the college student currently enrolled in classes, may also be eligible to receive academic credit as well. All of the LightSpeed

Manufacturing and Engineering e-courses have been approved and recommended for academic credit by the American Council on Education (ACE). By successfully completing the Metals Processing Methods e-courses you may be eligible to receive up to 2 academic credits through ACE participating colleges.



❖ Metals Processing Methods

Metals Processing Methods is composed of Sheet Metal Stamping and Welding of Metals along with Die Casting and Hydroforming. Sheet Metal Stamping dies such as blank, compound and pierce, form, and draw dies are also discussed. A description of some of the most widely used methods of proper welding operations using conventional methods or automated systems are mentioned as well. Die casting is explained in terms of the laws of physics that govern the process. Tube and sheet hydroforming advantages and limitations are discussed, along with current applications for hydroforming.



SkillsUSA will provide LightSpeed with all National winners' names and contact information. LightSpeed will contact students via e-mail so they may begin their on-line courses. Students may have access to these courses 24/7 and work at their own pace at any location for up to 6 months. All courses must be completed by January 1.

To inquire on how you may receive academic credit through your selected college, please call ACE toll free at 1-866-205-6267, or e-mail Connie Gallagher/ E-Learning Manager at LightSpeed Technologies, @ cgallagher@lightspeedu.com with any questions you might have regarding this Lightspeed Scholarship offering.

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