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| BHC Logo-1color-Black.jpg  Adult Education  309-796-8241 | **Accelerating Opportunity**  **CNC Manufacturing Certificate**  **CNC Manufacturing Certificate 1**  *Certificate Code 5980*  Suggested courses:  **Fall Semester                                                                                                                     Credit Hours**  ENGT     101          Blue Print/Schematic Reading    (1st 8 weeks ) 3 GT 200 – CNC specific  ENGT     104            Fundamentals of Machining        (1st 8 weeks)                 2 lecture/demonst  ENGT     180            Basic Manufacturing Processes  (2nd 8 weeks)                3 2 lab hrs/wk  ENGT     186            Introductory CNC                             (2nd 8 weeks)             3 2 lab hrs/wk  MATH   123            Technical Algebra/Trigonometry                                         4  *Minimum total hours required for certificate*                                                     15 credit hours  \*AO I-CAPS program may substitute with GT 200 (3 cr. hrs.)  **CNC Manufacturing Certificate 2**  *Certificate Code 5981*  **Spring Semester**  ENGT     231         Lathe Operations                             (1st 8 weeks)           3 2 lab hours/wk  ENGT     236         Intermediate CNC                           (1st 8 weeks)               3 2 lab hours/wk  ENGT     232         Milling Operations                           (2nd 8 weeks)          3 2 lab hours/wk  \*ENGT     190         Engineering Tech Practicum                                         2 (final project)  ENGT 286 Advanced CNC with CAM 3 2 lab hours/wk  *Minimum total hours required for certificate*                                                  14 credit hours total  **29 credit hours total for both certificates** |
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