KISHWAUKEE COLLEGE

I-CAPS Proposal

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| Program Administrator | Program Coordinator |
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1. Identify the team members: Sara Pohl, Dean Career Technologies Division (CTE); Tricia Wagner, Director Adult Education; M. Joanne Kantner, Dean Adult Education & Transition Programs AETP); Kristine Adzovic, Coordinator Adult Student Connections; Kate Storey, GED Transition Counselor; Robert Lawrence, AET Department Chair; TBD, Adult Education Faculty; TBD, AET Faculty; TBD, AET Advisory Committee Member

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| Member | Position | ICAPS Responsibility |
| S. Pohl | Dean, CT | AET curriculum oversight, ICCB compliance, assessment (project), data collection, project final reporting, internship administration, hire ICAPS instructors, NIMS & MSSC Production certifications |
| J. Kantner | Dean, AETP | Co-teaching professional development, project fiscal oversight & reporting, assessment of learning, project assessment & evaluation, data collection, project evaluation, GED examination |
| T. Wagner | Director, Adult Edu. | ICAPS A.E. curriculum development , A.E. instructor supervision, A.E. professional development, IPathways management, TABE pre- and post assessment, hire ICAPS instructors |
| K. Adzovic | Adult Student Connections | Career navigator and adult student concierge providing ICAPS student case management, wrap-around support services (mileage, childcare stipends, textbook loan, & tuition assistance), recruitment & retention, ICAPS orientation, on-line program orientation, student success workshops, data collection, registration, early academic alert |
| K. Storey | GED Transition Counselor | Case management of ASE students, student orientation, recruitment & retention, registration, data collection, early alert intervention, |
| R. Lawrence | AET Department Chair | ICAPS CNC curriculum development; student recruitment, student academic advisement, |
| TBD | AET faculty | Co-teacher (CNC content), course management, student evaluation & grading |
| TBD | A.E. faculty | Co-teacher (basic skills), TABE assessment, IPathways instructor, basic skills supplemental recitation sessions |
| TBD | AET advisory committee member | Curriculum advisement, internship provider, project evaluation |

1. College lead: M. Joanne Kantner, Dean AETP

Coordinators: Sara Pohl, Dean CT; Tricia Wagner, Director A.E.

1. Labor Market Trends

Kishwaukee ICAPS plans to develop an accelerated opportunity in the Automated Engineering Technology Certificate, IL-CIP 15.0411 (crossed with 15.0499 Other Electomechanical, Instrumentation, Maintenance Technologies). This program of study falls under the Maintenance, Installation & Repair Pathway of the Manufacturing cluster. Local labor market projections from ONet and LWIB forecast that in 2018 there will be 718 total jobs in the field, growing 9.5% from 2008 benchmark (19 positions added annually) between 2012-2018.  The median hourly wage of metal and plastic machine workers was $15.34 in May 2010. In addition, the local employer Ideal Industries has committed to providing internships for a college Work/Study/Mentor Academy, as part of the new TAACCT project Earn to Learn.

4. Policy & Programmatic Efforts

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| Policy & Program Efforts | | Strength (S)/Weakness (W) |
| Transition of A.E. Students | | |
| Clear ABE->ASE->GED pathway | S:Transition topics are integrated into each level | |
| Exploring Healthcare Bridge | S:Good retention of enrolled students, class site is community room in public housing building  W:Needs higher enrollments, removal of AtB is barrier to co-enrollment | |
| Advanced ESL Writing Course | S:Increased academic proficiency and higher developmental writing placement  W:Better education of students on need for academic proficiency; no standardized ALP assessment | |
| GED completion scholarship | S:Encourages longer enrollment for higher learning, instead of minimum score on GED  W:Few students meet the GED score eligibility and prioritize earning minimum passing scores | |
| GED Transitions Counselor | S:Career counseling, navigation of college admissions process, academic planning, early academic alert, Career Cruising  W:Need more students transitioning to postsecondary education or training | |
| National Adult Education Honor Society chapter | Establishing NAEHS chapter at the college to promote retention and academic role models for other A.E. students | |
| A.E. Transition Committee | S:Responsible for transition assessment, data analysis and recommendations for CQI (between levels and to postsecondary)  W:No data warehouse or longitudinal data on GED student postsecondary completions | |
| Fulltime Staff @ ILwNet | S:Case management, compass placement testing, career exploration, Career Cruising, WIA service referrals, free Math-for-employment and computer literacy classes  W:Long time frame to establish WIA eligibility | |
| Postsecondary Completions | | |
| Common Core State Standards Alignment and Learning Assessment | S:Division dean and A.E. Director have been involved with CCSS alignment and A.E. Standard alignment at both state and federal levels; FY13 professional development priority is A.E.math standards and to increase math content knowledge of instructors  W:A.E. course syllabi to not align with college master format; no assessment of college Student Learning Outcomes in A.E.; no accelerated developmental education sequences | |
| GED Transitions Counselor  Adult Student Connections Counselor | S:Provides career counseling and early academic alert and interventions during 1st semester enrollment in credit courses; Adult Student Orientation (on-line and ground formats); adult concierge provides support services (textbook loan, childcare stipend, mileage, tuition scholarship for students)  W: Need more GED completers and enrollments into credit courses; limited funding for tuition, mileage, and childcare | |
| Established Key Performance Indicators and standard reports of GED completions | W:First year for data collection | |
| College Completion Agenda includes adult education populations | S: Adult education students are a recognized contribution to meeting the CCA completion goal  W: First year for CCA planning and initiatives at the college | |
| Student Success Programming | S: The co-chair of the college student success committee is from the AETP division and success initiatives are replicated at A.E. class sites (main campus and satellites) | |
| Cross-college Coordination | | |
| Re-organization of AETP from Workforce Training into Academic Affairs | S:Aligns with system shift to postsecondary transition emphasis and CCA initiatives; dean attends all academic affairs administrative meetings resulting in stronger alignment of A.E.->Credit programs  W:Staff and instructors adjusting to cultural shift | |
| AETP representatives at monthly academic division meetings, college standing committee (dev. ed., curriculum, academic standards, student success), and academic counselor meetings | S:A.E. updated on curricula, initiatives, changes and ecology of other academic divisions, committee recommendations, and academic advisement | |
| Fin. Aid. Director and marketing staff attend monthly AETP Division meetings | S:Information exchanges are current between student affairs, AETP, and financial aid offices | |
| Recognition of A.E. students as Kishwaukee students | S:Eligible for college ID’s, tutoring services, library privileges, college events, student discount for wellness center; College strategic enrollment management plan, student success, and college completion  W:Getting college email accounts setup after 10th day enrollment | |

5. Preliminary Programmatic & Policy Challenges

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| College Adult-friendliness |
| a)College commits institutional revenue to fund Spanish GED, GED Express classes 100% Dean AETP, 75% A.E. Director, and 25% GED Transition Counselor; b) Operational department budgets include services to adult education & transition programs (marketing, business services, technology, internal and external communications, library resources, and media services); c) Diverse formats for adult education and credit classes (traditional (4-day/3-day/2-day/1-day per week), online, hybrid, evening, Saturday); d) adult student orientations (ground and online) |
| Integration between adult education and rest of campus |
| See Cross-college coordination above |
| Policy Barriers-Transitions, Accelerated Learning, Developmental Education Placement |
| Transitions-Title IV changes-Pell Grant semester limit and removal of Ability to Benefit; most college-wide data reports target full-time first-time students; college recruitment and retention staff target traditional-age students; No institutional support for bilingual services; FY12 only 8.6% of GED graduates transitioned to Kishwaukee credit courses; FY12 98% of GED completers placed into a developmental mathematics courses compared to 63% placement of incoming high school completers. |
| Accelerated Learning-No accelerated formats or sequences for developmental or college level courses. Adult Education does offer an eight-day program for students scoring 10 or higher on the TABE assessment to receive subject reviews, college transition programming and the complete GED battery of tests. |
| Developmental Education Placement-Few review options are available to students before COMPASS placement testing, prior learning assessments are not available as an alternate to ACT-COMPASS, no differentiation for assessment of second language learners in reading, writing, or mathematics, CTE faculty limited in basic skills pedagogical and content integration |

6. Pathway Redesign Process

**Manufacturing Career Cluster**

**Automated Engineering Certificate 31 credits**

Automated Engineering Certificate)-This certificate program is a combination of computer-aided drafting and computer numerical control. Students will use AutoCAD, a standard design and drafting package, to develop drawings. These drawings are then post-processed using industry standard CAM software, to generate CNC programs. Instruction will include machine tool processes and CNC machining.

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| Kishwaukee College Integrated Career & Academic Prep System: Manufacturing | | | | | | | |
| **Attraction & Recruitment-TABE 9+** | | | | | | | |
| LWIB 4 & 5 | ILwNet | GED Classes  Youth WIA  TAOEP | AET program advisor | AET advisory committee | Kishwaukee Education Consortium | FY13 TAACCT Earn to Learn Project | |
| **ICAPS Faculty Development** | | | | | | | |
| ABE to Credentials/Coteaching relationships | | | Math-in-CTE model | | Japanese Lesson Study | | |
| **Curriculum Development** | | | | | | | |
| ICAPS Courses | | | A.E. Supplemental Content | |
| **Adult Concierge-Adult Student Connections Coordinator** | | | | | | | |
| Career navigation | Registration navigation | Fin. Aid navigation | Textbook loan | Mileage reimbursement | Childcare stipends | Support counseling | |
| **Orientation** | | | | | | | |
| Adult Student ground format | Online format-non traditional students | Online format-single parents | Online format-nontraditional occupations | Online format-displaced homemaker | Online format-students with disabilities | |
| **ICAPS COURSES**  **A.E. Instructor/ AET Instructor** | | **TRADITIONAL COURSES**  **AET Instructor** | | **SUPPLEMENTAL INSTRUCTION**  **A.E Instructor** | | | |
| MT 102 Metrology (2) | | MT 283 Internship (3) | | IPathways | Recitation |
| MT 151 Mach Shop Math I (3) | | MT 101 Print Reading (2) | |
| MT 104 Intro. Mfg. & Safety (4) | | MT 264 Fixture Design | |
| MT 215 Manuf. Processes (2) | | MT 290 Intro CNC | |
| MT 108 Intro. to Mfg. Maint. (2) | | MT 296 Comp. Aided Manf. | |
| MT 216 Fabrication Design | |
| **Work/Study/Mentor Academy (TAACCT Grant Earn to Learn Project**) | | | | | | | |
| The Work/Study/Mentor Academy (WSMA) will allow participants initial full or part-time employment, a mentor, and a stackable curriculum that includes college credit as well as non-credit training (communication and entrepreneurship skills) that addresses specific employer needs. This combination is designed to fast-track learning outcomes and secure long-term employment | | | | | | | |