**CTEC Development Program Advisory Committee**

**2014-15 Work Plan**

**Submitted to CDEV Advisory on 2.5.14**

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| **Annual Goal Area CURRICULUM**  **Goal(s):** | **Strategies** | **Timeline** | **Advisory Committee Member Participation** |
| **Research and propose alternatives for students to be prepared and gain access to programming and coding courses that do not require the traditional Math Prerequisites** | * Review current degree and certificate requirements * Research alternative programming instructional models (Treehouse, CodeAcademy, Kahn Academy etc.) as well as other college curriculum * Identify and develop an inventory of skills and outcomes that are essential for success in web coding * Create a proposal for creating an alternative for students to be prepared for foundational programming and coding classes that does not require a Math 095 prerequisite | Proposal prepared and presented to the Spring 2014 advisory for feedback and/or approval of curriculum development steps to take place in Summer 2014 for final approval for Fall 2014 by this advisory, college approval process for catalog inclusion in Summer 2015 | Committee chair will appoint and oversee and adhoc committee which will work with Clark faculty during Winter and Spring 2014 and give curriculum guidance in Summer 2014 |

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| **Annual Goal Area**  **CURRICULUM (cont.)**  **Goal(s):** | **Strategies** | **Timeline** | **Advisory Committee Member Participation** |
| **Research, consider, and make recommendations on program offerings based on Microsoft Technology Associate certifications Software Application Development and other IT related areas.** | * Review current adoption of MTA curricula at Clark in the Computer Support and HIIT transfer agreement * Review available MTAs in the Software Development track, employment data and report on potential for adoption at Clark as service components for current degrees, new degree or certificate options, transfer options or as a possible component as a part of a Applied Baccalaureate in IT | Proposal prepared and presented to the Spring 2014 advisory for feedback and/or approval of curriculum development steps to take place in Summer 2014 for final approval for Fall 2014 by this advisory, college approval process for catalog inclusion in Summer 2015 | Committee chair will appoint and oversee and adhoc committee which will work with Clark faculty during Winter and Spring 2014 and provide curriculum guidance and input during Summer 2014 |
| **FACILITIES & EQUIPMENT**  **Goal(s):** |  |  |  |
| **Review and get feedback on hosting and staging options for Web programming and database classes** | * Review current resources and practices used by the department * Create a specifications document that has been developed and endorsed by the committee | Report submitted to advisory for Spring 2014 meeting and ongoing annual updates thereafter | Feedback via email discussion between faculty and committee members during the period between Winter 2014 and Spring 2014 meetings |
| **Identify and specify external hosting and domain registration options for students to have an external web presence they can develop over the course of their studies at Clark** | * Present up date on current Amazon solution, consider domain options that can be developed by the students during their studies and transferred to them after they graduate | Option identified students to use a transferable personal domain to showcase Clark coursework & portfolio by Fall 2014 | Feedback by Advisory during Spring 2015 meeting and additional ad hoc activity and research as needed |
| **A responsive web development lab of mobile devices for code testing that can be shared with our foundational computer literacy classes which will be evaluated and updated on a yearly basis to be funded as a part of the program’s equipment plan** | * Make recommendations on specifications and implementation | Initial purchase and staging in Fall 2014 | Feedback by Advisory during Spring 2015 meeting and additional ad hoc activity and research as needed |
| **INSTRUCTIONAL QUALITY & EFFECTIVENESS**  **Goal(s):** |  |  |  |
| **Further development of student-industry contacts for guest speaker service-based learning projects as well as external internship or incubator-based learning experiences that will enable students to have experiences preparing them for careers in web development** | Develop and maintain a resource list of possible intern opportunities and potential long-term partners where students can gain work skills experiences | To Be discussed and determined initially during Winter Quarter advisory meeting on 2.4.14 | To Be discussed and determined initially during Winter Quarter advisory meeting on 2.4.14 |
| **Review Advisory Committee mission for this committee and make suggestions on how it can best interact or be restructured with other advisories in the WCTE unit** | Presentation in Spring 2014 Advisory | To be discussed and developed during Spring 2014 meeting | To be discussed and developed during Spring 2014 meeting |
| **MARKETING/PUBLIC RELATIONS**  **Goal(s):** |  |  |  |
| **Identify and develop a plan to market to both incoming students as well as businesses that will hire our trainees and graduates which would include becoming a sponsor of events and an active participant in the local technology community** | To Be discussed initially  during Winter Quarter advisory meeting on 2.4.14  and developed further | To Be discussed initially  during Winter Quarter advisory meeting on 2.4.14 | To Be determined initially  during Winter Quarter advisory meeting on 2.4.14 and finalized during Spring 2014 |
| **Creation of a web-mediated alumni group where students actively keep in touch and network after leaving Clark.** | To Be discussed initially  during Winter Quarter advisory meeting on 2.4.14  and developed further | To Be discussed initially  during Winter Quarter advisory meeting on 2.4.14 | To Be determined initially  during Winter Quarter advisory meeting on 2.4.14 and finalized during Spring 2014 |