Directions: Complete all sections. Submit the form via email attachment as directed in the last section.

For information on the complete proposal process, visit <http://www.chabotcollege.edu/cool/>.

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| **Course Information and Delivery Format** |
| Course Subject & Number: **CAS 88A / CAS 88B**Course Units: **3 / 3** Total Contact Hours: **70 / 70**First Semester To Be Offered: **Spring 2015** | Course Delivery Method (check one):[x]  Online (all instruction is online)[ ]  Hybrid (instruction occurs both online and on campus) % online % on campus |
| Faculty Name: **Mon Khat**Have you ever completed the Online/Hybrid Course Proposal process (at Chabot College) for a course and received approval? [ ]  yes [x]  no |

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| **Need/Justification/Benefits to Students** |
| How will the online/hybrid delivery of this course meet student needs? Are there learning opportunities made possible in an online or hybrid online course that might not be available in a traditional course? The online format will serve students that are unable to attend a phsyical class due to various reason: (1) being a non-traditional student; (2) distance barriers; (3) family care obligations; (4) work; and (5) limitations set on enrollment due to facilities and equipment limitations.  |

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| **Preliminary Research andInput from Colleagues and Administrators** |
| [x]  Reviewed online teaching resources & tools at <http://www.chabotcollege.edu/cws/onlineteaching/>. |
| [x]  Met with Division Dean and subdivision colleagues to secure *preliminary* support for offering this course in online/hybrid format. |
| [x]  Reviewed similar courses at other colleges (CVC Distance Education Catalog <http://www.cvc.edu/>) |

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| **Develop Proposal and Consult with Colleagues** |
| Consult with faculty experienced teaching online. What are some of the recommendations that may influence your instruction in this course? Fellow faculty members have suggested that the online format would meet students needs who have been unable to attend physical classes due to multiple issues. Additionally an online format allows the student to adjust the pace slightly, whereas in a physical format some students may be left behind in lecture.  |
| Review your completed proposal with your subdivision colleagues (if required), Please provide a summary of those recommendations:  Offering of this course has been consulted with fellow faculty members, and due to high student demand this course is reccomended for online delivery method.  |

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| **Course Content Delivery - Contact Hour or “In-Class” Activities** |
| Explain how the instructional contact hours will be implemented for each week of instruction. Contact hours are those segments of instructional time where the student is actively engaged in learning activities and would reflect the same type of instruction implemented in a traditional face-to-face classroom. For example, a 3-unit course typically meets on campus for 54 contact hours of instruction, assessment, discussion, and group activities. Examples can be found at: <http://www.chabotcollege.edu/cool/forms/>. |
| **Delivery Mode*****(online or*** ***in-person)*** | **Activity and Description*****(For hybrid courses, please be sure in include in-person activities)*** | **Contact Hours** |
|  | Multimedia Content: online presentations and videos which will cover course material in multiple formats.  | 18 |
|  | Trainings: online simulation lab trainings which will focus on content skills appropriate to the section/module of material coverd.  | 35 |
|  | Exams & Quizzez: online evaluations that will test the knowledge level based on the content material.  | 4 |
|  | Projects: Students will work on software application projects which will be based on the content and submitt them onilne.  | 9 |
|  | Discussion board forums: Students will have a discussion forum where they will discuss the topic, provide there views & analysis, and respond to other students.  | 4 |
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| TOTAL CONTACT HOURS: | 70 |

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| **Course Content Delivery - Preparatory or “Outside of Class” Activities (NOT part of contact hours)** |
| For each contact hour, explain how students will be expected to spend preparatory hours outside of class, such as reading, writing, studying, preparing assignments/projects/presentations, and other homework. Examples can be found at: <http://www.chabotcollege.edu/cool/forms/> |
| **Activity and Description** |
| Read textbook giving them a foundation which the content is based on.  |
| Reviwing scores on projects, quizzes, & exams and covering deficiencies in the knowledge gap.  |
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| **Nature and Frequency of Student-Instructor Interactions** |
| All courses shall include regular effective contact between students and the instructor. How and how frequently will you interact with your students? This should include interactions with the entire class, providing feedback on assignments, and interventions when students are at-risk of dropping or failing due to poor performance or participation. For each type of interaction, describe why you believe it will be effective for this particular course. Faculty will have weekly interaction with students, distributing assignments, course topics, and discuss the material that will be covered in each section. This will be conducted through announcements and resource materials proided. Additionally 4 topic discussions will be held where the instructor will assign a topic, discuss the topic, and ask students to research and post there analysis to the material being covered.  |

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| **Nature and Frequency of Student-Student Interactions** |
| Describe opportunities in your course for student-to-student interaction. This may include discussions, group projects, peer review of assignments, and other approaches. Consider how students interact in this course when taught on campus. How can you build a collaborative, student-centered environment in which a community of learners is created?Students will communicate with each other a minimum of 8 times per semester. This will be facilitated through the chat board discussions, where students must post responses to other students initial post. There will be a total of 4 topic discussions where a student will post there analysis of a topic, and then respond to two other students post about the topic provided.  |

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| **Assessment of Student Learning** |
| What methods of assessments will you use to assess learning in this course? What strategies do you plan to use to ensure academic integrity in your course?Exams and quizzes will be adminstered at intervals to assess the immediated and long term learning. Projects will be assessed to see the level of applied skill that the student has aquired.  |
| Describe how your assessment plan is consistent with your stated goals in the student benefits and student-student interactions sections of your proposal. How will you provide feedback to students?Students will be able to complete exams, quizzes, and projects online at there convience within time frames allowing them to aquire knowledge, skills, and abilities that can be used in the workforce and meet educational goals.  |

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| **Technology and Accessibility** |
| Indicate the technology tools (software, web-based tools, etc.) and the plan for utilization in your course. Most commonly used are listed below; additional tools and information are available on the COOL website. |
| [x]  CMS/LMS (Blackboard) | Announcements, Disscussion boards, Exams, Quizzes  |
| [x]  Presentations (PowerPoint) | Audio lectures  |
| [x]  Publisher content/websites | www.MyITLab.com/www.sam.cengage.com for online simulation lab training.  |
| [ ]  Websites/links (Google Docs) |       |
| [ ]  Screen recording (Camtasia, Jing) |       |
| [ ]  Audio (Audacity, iTunes) |       |
| [x]  Video (YouTube, 3CMedia) | Video demonstration lectures  |
| [ ]  Web conferencing (CCCConfer) |       |
| [x]  Other software (please describe) | Microsoft Word will be utilized to complete projects. |
| **Accessibility/Accommodations for Students with Disabilities**: All materials must be accessible to students with disabilities. During the development of your course, please make sure that videos are closed-captioning or a transcript is provided, audio is accompanied with a transcript, images include alternative/alt tags, detailed visuals include text descriptions, and tables are formatted to include row and column headers. For information and support for ensuring accessibility for your students (including captioning), please contact the Chabot Disabled Students Resource Center (DSRC). |

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| **Verification of Content and Approval****Faculty**: Please enter your name, check the box, and enter today’s date in the appropriate box below. Email your completed proposal to your Division Dean for approval.**Division** **Dean**: Upon your approval of this proposal, please enter your name, check the box, and enter today’s date in the appropriate box below. Email this proposal to the COOL Co-Chairs.**2014-2015 COOL Co-Chairs: Wanda Wong and Minta Winsor** |
| **Faculty (Enter Name):** **Mon Khat****[x]  By entering my name above and checking this box, I verify that this proposal accurately reflects my plans for the proposed course.** **Date:** **11/3/2014** | **Division Dean (Enter Name):** **Tom Clark****[x]  By entering my name above and checking this box, I approve this course proposal from the instructor as completed above.****Date:** **11/5/14** |