CALL TO ORDER

AGENDA MODIFICATIONS (Information)
This item allows for items to be removed from the Agenda or for items to be considered in a different order than they are presented in the published document. It is also an opportunity for both the Chair and the members to indicate an interest in pulling Items off the Consent Agenda to be considered separately. Items on the Consent Agenda are considered routine matters of business.

APPROVAL OF MINUTES (Consent/Information)
March 2, 2020 minutes

CHAIR’S REPORT (Action/Information)
- Hosting of the Curriculum Committee Issues meeting in light of Covid-19 (I)
- 2020-2021 Curriculum Committee Meeting Calendar (I)

ARTICULATION UPDATES
None

SELECTED TOPICS (Consent/Action)
None

MINOR REVISIONS (Consent/Information)
CNET-142 Introduction to Programming with Python – Ron Sha
Add cross-reference with CS-142.

DEACTIVATIONS (Consent/Action)
None

SUBCOMMITTEE APPROVALS/REPORTS

Distance Education Subcommittee (Action)
Approved for Hybrid Only:
- ESL-182LS Listening and Speaking, Level II (Intermediate)
- ESL-182RW Reading and Writing, Level II (Intermediate)
- ESL-183LS Listening and Speaking, Level III (High Intermediate)
- ESL-183RW Reading and Writing, Level III (High Intermediate)
- ESL-184LS Listening and Speaking, Level IV (Advanced)
- ESL-184RW Reading and Writing, Level IV (Advanced)
- ESL-982LS Listening and Speaking, Level II (Intermediate)
- ESL-982RW Reading and Writing, Level II (Intermediate)
- ESL-983LS Listening and Speaking, Level III (High Intermediate)
- ESL-983RW Reading and Writing, Level III (High Intermediate)
- ESL-984LS Listening and Speaking, Level IV (Advanced)
- ESL-984RW Reading and Writing, Level IV (Advanced)
**General Education Subcommittee (Action)**

**Reaffirmations:** None

**New Approvals:**
- Area VAB, Wellness: KIN-250

**Deny Reaffirmations:** None

**Deny New Approval:** None

**Remove from Plan A:** None

**Student Learning Outcomes and Assessment**

**Student Learning Outcomes and Assessment Update – Rachel Sherman, SLOA Subcommittee Chair**
- SLOA 2019-2020 Year-End Report

**COURSE REACTIVATION (Consent/Action)**
None

**MAJOR COURSE REVISIONS (Consent/Action)**

**BIOT-111B**  
**PCR Primer Design and Optimization and Reverse Transcription PCR – Jim Baxter**

Add prerequisite: or BIOL-101A. Change catalog description: This course combines lecture and lab approaches to teaching students advanced topics in PCR, including BLAST searches and DNA alignment protocols for locating minimal variable sequences to use in constructing PCR primers, principles of primer design, and optimization techniques for PCR reactions. Students design primers; optimize salt and temperature parameters for PCR; and perform RT-PCR. Students are required to buy a lab coat, goggles, and examination gloves for use in this course. Change class schedule description: This is a laboratory class in PCR primer design and optimization and in the principles of qRT-PCR. Students are required to purchase a lab coat, goggles, and examination gloves for use in this course. Revise counselor information; student learning outcomes; course content; course assignments; methods of evaluation; textbooks.

**CHEM-109**  
**Biochemistry for Health Science and Biotechnology – Lisa Wesoloski**

Change catalog description: This course covers the basic concepts of inorganic and organic chemistry and biochemistry as they apply to the human body. No previous chemistry is required. This course satisfies the requirements of nursing, biotechnology, and related majors that require one semester of chemistry. This course does not meet the prerequisite for Chemistry 101A. Students are required to purchase a lab coat; goggles with indirect venting and side shielding; and a calculator. Change class schedule description: Topics in this course include inorganic, organic, and biochemistry. This course does not meet the prerequisite for Chemistry 101A. Students need to purchase a lab coat, goggles, and a calculator. Revise textbooks.

**HLTH-150/WS-150**  
**Women’s Health Issues – Robin Kurotori**

Remove advisory: ENGL-101A. Change catalog description: This course is a study of the contemporary issues affecting women's health at home and at work from biological, psychological, and sociological perspectives. The course explores such topics as mental health, sexuality, nutrition, exercise, rape and battery, aging, occupational health, and cultural diversity and the effects on women in American culture. Change schedule description: This course
covers contemporary issues of women's health including mental health, nutrition, exercise, and reproductive health. Revise course content; methods of evaluation; textbooks.

MATH-152   Algebra II – Andy Bloom
Remove prerequisite: or MATH-151A and MATH-151B or equivalent. . Change class schedule description: This course includes systems, graphs, conics, exponentials, logs, sequences, series, and the binomial theorem. Revise counselor information; student learning outcomes, course content; course assignments; methods of evaluation; textbooks.

NEW COURSES – CREDIT (Action)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ-250</td>
<td>Active Shooter Response Training – Libby Flores</td>
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<tr>
<td></td>
<td>27.00 hours lab</td>
<td>Libby Flores</td>
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<tr>
<td></td>
<td>Units: 0.50</td>
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<tr>
<td></td>
<td>Prerequisites: AJ-220; Commission on Police Officer Standards and Training (POST) certified basic law enforcement academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Familiarity with and ability to demonstrate all of these skills: office safety, department policy, active shooter procedures, officer down procedures. This course provides students with a background on active shooter situations along with policies and procedures for responding to various active shooter emergencies. This course is POST certified. Not applicable to associate degree. Repeatable = 9 times (CR).</td>
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</tr>
</tbody>
</table>

DEAF-169   Orientation to Career Success – Thomas Holcomb
108.00 hours lab
Units: 2.00
Advisory: ASL fluency
This course is designed to provide an overview of career and academic options for incoming students enrolled in the Deaf Preparation Program. Students explore the academic prerequisites needed to enroll in certificate or degree programs at Ohlone and at universities elsewhere. Students are also provided with opportunities to learn more about career choices by visiting various programs on and off campus by meeting representatives from industry and universities and by learning from deaf people currently employed in various segments of industry. Taught in ASL. Not applicable to associate degree. (GR).

GA-100     History of Graphic Design – Isabel Reichert
54.00 hours lecture
Units: 3.00
Accepted for Credit: CSU
This course is a survey of the history of graphic design within political, philosophical, cultural, economic, and environmental contexts. From the dawn of visual communication to contemporary forms of graphic design, this course examines how global historical contexts enriched contemporary design practice. Students gain an understanding of the cultural purpose and critical importance of design over time and across places. (GR).

NEW COURSES – NONCREDIT: (Action)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-901</td>
<td>Foundations of English Success – Melanie Fernandez</td>
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<tr>
<td></td>
<td>9.00 hours lab</td>
<td>Melanie Fernandez</td>
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<td></td>
<td>This noncredit course provides a review of fundamental reading and writing skills for success in transfer level English. The course includes annotation, brainstorming, and basic essay structure. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (NG)</td>
<td></td>
</tr>
</tbody>
</table>
MATH-901  Foundations of Math Success – Andy Bloom
9.00 hours lab
This noncredit course is designed to assist students in learning mathematics at any level through the development of fundamental math skills and the examination of study skills and exam preparation methods. Students are introduced to methods for overcoming math anxiety, reading math textbooks, taking better class notes, and improving preparation for math tests. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (CR)

MM-905  Introduction to Web Design – Isabel Reichert
36.00 hours lecture
54.00 hours lab
Advisory: CNET-901A
This noncredit course is a comprehensive introduction to designing and building websites. Students are provided with practical, skill-based instructions in HTML and CSS, usability, accessibility, web file management, responsive design techniques, and front-end frameworks. In addition to technical skills, the course emphasizes User Interface (UI) and User Experience (UX) design principles and visual communication perspectives to create engaging user-centered experiences. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (GC)

MM-909  2D Animation – Isabel Reichert
36.00 hours lecture
54.00 hours lab
Advisory: ART-106A, CS-101
This noncredit course teaches students the techniques and principles of two-dimensional digital animation production. Students will be introduced to the basic principles of animation and gain fluency in the production processes and the software applications widely used throughout the industry. The curriculum includes character and story development; storyboarding and motion control culminating in animated shorts; web animations; and 2D video game character designs. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (GC)

MM-914  Textures for 3D – Isabel Reichert
36.00 hours lecture
54.00 hours lab
Advisory: MM-102A, MM-121A, or MM-921A
In this noncredit course, students learn different techniques to enhance 3D objects and environments using computer-based 3D sculpting and painting tools. Topics include painting textures, manipulating digital images, texture mapping, lighting techniques, camera controls, applying principles of art and design to 3D imagery, and rendering images for multimedia and print. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (GC)

MM-918  Introduction to Video Game Design – Isabel Reichert
36.00 hours lecture
54.00 hours lab
Advisory: ENGL-101A
This noncredit course focuses on the process of planning, developing, and creating content for video games. Students gain an understanding of the video game industry, and learn how to design characters, levels, and design documents. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (GC)
MM-921A  3D Modeling – Isabel Reichert
36.00 hours lecture
54.00 hours lab
Advisory: CNET-901A
In this noncredit course students learn different techniques to model virtual objects and environments using 3D modeling software. The topics covered are designing characters, modeling, texture mapping, lighting techniques, camera shots, 3D scene layout, and rendering images for different multimedia applications. Introduction to basic 3D animation techniques is covered. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (GC)

PD-901 College Success Skills – Jennifer Harper
9.00 hours lab
This noncredit course covers specific topics designed to help students succeed in college and to understand college life. The emphasis is on effective learning strategies, problem solving, academic planning, time management, and individual motivation. This course introduces students to the various student services on campus. Students also explore and evaluate their personal interests through possible field trips and social interactions. Free textbook materials are provided to students. Not applicable to associate degree. Repeatable = Unlimited times, per Title 5 §55002(c)(4) (NG)

REQUISITES (Action)
AJ-250 Active Shooter Response Training – Libby Flores
Add prerequisites: AJ-220; Commission on Police Officer Standards and Training (POST) certified basic law enforcement academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Familiarity with and ability to demonstrate all of these skills: office safety, department policy, active shooter procedures, officer down procedures.

BIOT-111B PCR Primer Design and Optimization and Reverse Transcription PCR – James Baxter
Add prerequisite: or BIOL-101A.

DEGREES/CERTIFICATES (Action)
Revised Certificates and Degrees:
Certificate of Accomplishment: Biological Anthropology
Certificate of Accomplishment: Mobile Application Development

New Certificates and Degrees:
Certificate of Competency: College Success Skills
Certificate of Competency: Digital Media Arts

Revised Degrees and Certificates
Biological Anthropology: Certificate of Accomplishment – Sandra Chacko
The Biological Anthropology certificate is designed to provide students with a basic foundation in the interaction between biology and culture. Upon completion of this certificate students will have completed lecture and laboratory training in biological anthropology and archaeology, as these relate to the evolution of man. This certificate is well suited to prepare students to pursue further studies in fields that require an appreciation for our evolutionary and cultural past.
Certificates of accomplishment are awarded upon the completion of an organized course of study for a specific course, usually career or job related. Certificates of accomplishment consist of a maximum of 15.5 units and allow students to finish the program in a shorter period of time.

In order to earn a certificate of accomplishment students must:
   a. complete satisfactorily the courses listed for the particular certificate.
   b. complete at least 50% of the required units at Ohlone College.
   c. maintain a 2.0 grade point average.

Student Learning Outcomes

1. Demonstrate an understanding of the scientific method and major anthropological concepts related to human biological evolution.
2. Apply anthropological perspectives to contemporary issues related to human evolution, genetics, and environmental change.

MAJOR FIELD

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH-101</td>
<td>Biological Anthropology</td>
<td>4</td>
</tr>
<tr>
<td>ANTH-103</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH-103L</td>
<td>Field Archaeology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ANTH-108</td>
<td>Introduction to Forensic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL-105</td>
<td>Heredity, Evolution &amp; Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units = 14

- Change title to Biological Anthropology.
- Change catalog description.
- Remove ENVS-103, ENVS-108.
- Change total units from 17 to 14 to align with new Title 5 unit requirements for certificates of accomplishment.

Mobile Application Development: Certificate of Accomplishment – Isabel Reichert

The certificate is designed to provide students with comprehensive training in interaction design and web application programming. Students create mobile web applications and native applications in Android platforms.

Certificates of accomplishment are awarded upon the completion of an organized course of study for a specific course, usually career or job related. Certificates of accomplishment consist of a maximum of 15.5 units and allow students to finish the program in a shorter period of time.

In order to earn a certificate of accomplishment students must:
   a. complete satisfactorily the courses listed for the particular certificate.
   b. complete at least 50% of the required units at Ohlone College.
   c. maintain a 2.0 grade point average.

Student Learning Outcomes

1. Demonstrate professional workmanship by using technical and programming skills proficiently.
2. Design projects that communicate specific ideas and illustrate concepts of design.
3. Exhibit professional behavior and work ethic.
4. Use conceptual skills by innovating, brainstorming, sketching, and problem-solving to build prototypes and scenarios.
5. Demonstrate an understanding of the strengths, scope and limitations of software tools and APIs by selecting the appropriate tools when implementing a design.
MAJOR FIELD
CS-125 Introduction to Java Programming 4
CS-175 JavaScript for Web Development 4
MM-105 Introduction to Web Design 3
MM-113 Mobile Application Development 3

Total Units = 14

- Change total units from 15 to 14.
- Remove CS-174 so the course can be deactivated.
- Add CS-175.

New Certificates and Degrees

College Success Skills: Certificate of Competency – Jennifer Harper
This 27-hour noncredit College Success Skills program will help prepare students for college success through academic and college readiness courses that include an introduction to college services and support, effective study skills, note taking methodology, and time management techniques, in addition to foundational English composition and math skills and concepts. The program is specifically designed for students about to enter college who may benefit from support in basic academic and college preparatory skills. Students will build relationships with Ohlone counselors, English and Math faculty, and peer mentors. Through this program, students will also become knowledgeable of resources, course expectations, and how to successfully navigate their path towards career or transfer to a baccalaureate institution.

REQUIREMENTS FOR CERTIFICATE OF COMPETENCY:
   a. complete all courses at Ohlone College.

Student Learning Outcomes
   1. Identify the physical location of support service offices and articulate the steps required for accessing services such as learning labs, tutorial services, counseling services, etc.
   2. Apply effective study skills, note taking methodology, and time management techniques.
   3. Review foundational math and English skills and concepts.
   4. Explore and use online resources including net tutor and Canvas.

MAJOR FIELD
ENGL-901 Foundations of English Success 9
MATH-901 Foundations of Math Success 9
PD-901 College Success Skills 9

Total Hours: 27

Digital Media Arts: Certificate of Competency: – Isabel Reichert
The noncredit Digital Media Arts Certificate of Completion is intended for students wishing to acquire competencies in digital media for job advancement and immediate employment. Through lectures and hands-on instructions, students are introduced to a variety of skills and workflows to create videos, websites, animations, video games, and 3D models.

The skills learned upon completion of this certificate will help students gain employment as Junior User Experience Designer/Front End Developer; Junior Designer; Video Editor; Junior Game Designer; Game Tester; Junior Animator; Visual Effects Artist; Multi-media Content Creator; 3D Modeler; and Texture Artist.
Requirements for Certificate of Competency:
- Complete Major Field courses.
- Complete at least three courses at Ohlone College.
- Maintain a 2.0 grade point average in Major Field courses.

Student Learning Outcomes
1. Apply digital media production skills and demonstrate an understanding of tools and processes related to visual and interactive media.
2. Employ creative, conceptual, and problem-solving skills to provide solutions for media productions.
3. Create media content for a diverse range of clients or industries using different modalities.
4. Evaluate artwork with an understanding of concepts, appropriate terminology, and aesthetic awareness and demonstrate critical thinking to solve technical and aesthetic challenges.
5. Demonstrate efficient communication strategies and work effectively within a team.

Major Field
- MM-905 Introduction to Web Design 90
- MM-909 2D Animation 90
- MM-914 Textures for 3D 90
- MM-918 Introduction to Video Game Design 90
- MM-921A 3D Modeling 90
Total Hours = 450

Issues (Action/Information)
None

Announcements
- Screening/Norming Meeting: Monday, April 20, 2020, 3:00pm-5:00pm, Zoom Video Conference
- Issues Meeting: Monday, May 4, 2020, 3:00pm-5:00pm, Zoom Video Conference