

**Gavilan Joint Community College District  
Governing Board Agenda**

March 8, 2016

Consent Agenda Item No.  
Information/Staff Reports No.  
Discussion Item No.  
Old Business Agenda Item No.  
New Business Agenda Item No. III.2 (a)

Instruction Office

SUBJECT: Curriculum

Resolution: BE IT RESOLVED,

Information Only

Action Item

**Proposal:**

That the Board review and approve the recommendations of the Curriculum Committee as reflected in the attached Curriculum Summary.

**Background:**

The Curriculum Summary lists courses and programs approved by the Curriculum Committee.

**Budgetary Implications:**

None.

**Follow Up/Outcome:**

Curriculum modifications are incorporated into the college schedule and catalog.

Recommended By: Dr. Kathleen Rose, Executive Vice President and CIO

Prepared By: 

Dr. Kathleen Rose, Executive Vice President and Chief Instructional Officer

Agenda Approval: 

Dr. Steven M. Kinsella, Superintendent/President

APPROVED BY THE BOARD OF TRUSTEES

DATE 3/8/16



**GAVILAN BOARD OF TRUSTEES**  
**Curriculum Summary**  
**March 8, 2016**

**CONSENT AGENDA**

**Inactivation of exiting course:**

GUID 200      Planning for College Success

**Modification to existing course:**

JLE 201      Vice Investigations

Correction to Prerequisite as requested by the Chancellor's Office

JLE 301      Dispatch Radio Communication

Correction to Prerequisite as requested by the Chancellor's Office

**NEW COURSE PROPOSAL – SECOND READING**

**CSIS DM 160      Game Design**

**3 Units, 3 Lec, 0 Lab**

Intended for students who want to explore game design and computational media. Compelling, successful games are created by developers who have absorbed the fundamental principles of good game design. Students will analyze existing games for their educational and entertainment value, and create their own games using freely available software and game development environments. Key concepts such as game math, textures and materials, geometry and topology, lighting, sound, and special effects will be explored. No previous programming experience is necessary.

**MATH 412      Math Refresher**

**.5 Units, .5 Lec, 0 Lab**

A remedial intensive math course designed to be a refresher for students who wish to review basic math concepts before taking the Assessment Placement test or to prepare prior to retaking the Assessment test. The primary focus is on operations with whole numbers, fractions, decimals and percentages. This is a pass/no pass class. Units earned in this class do not count towards the associate degree and/or certain certificate requirements.

**MATH 416      Math for Summer Bridge**

**1-3 Units, 1-3 Lec, 0 Lab**

This class is a remedial mathematics course for students new to Gavilan College that are participating in the Summer Bridge Program or other special cohort. Students enrolled in this class must have taken the math placement exam prior to the first day of class. The purpose of the class is to review and hone basic math skills, acclimate the student to the rigors of college level work, and improve other student skills needed for learning and academic achievement. Upon completion of the course, students will be allowed to retake the placement exam. The primary mathematical focus is on prealgebra topics such as operations with whole numbers, fractions, decimals, percentage and real life problems. Students can also get practice with other topics in Algebra I such as solving linear equations, graphing linear functions, and factoring. This is a pass/no pass course. Units earned in this course do not count toward the associate degree and/or certain certificate requirements.

**WTRM 132    Advanced Water Distribution**

**3 Units, 3 Lec, 0 Lab**

This advanced level course prepares students for work in a highly skilled or supervisory position in the operation of a water distribution system. It prepares the student to take the State of California Water Distribution Operator exam at D3, D4 and D5 levels. ADVISORY: WTRM 105 Water Distribution 1, WTRM 108 Water Distribution 2, WTRM 102 Beginning Water/Wastewater Mathematics.

**WTRM 133    Water Conservation**

**3 Units, 3 Lec, 0 Lab**

This course provides technical and practical information in water use efficiency, the need for and major components of comprehensive water conservation programs and the role of the water conservation coordinator in the public water supply industry. Topics include: customers and their water uses, water sustainability factors, regulatory agencies and careers/opportunities in the field of water management. This class will help the student prepare for the AWWA Grade 1 Water Conservation Practitioner Certification.

**WTRM 134    Industrial Wastewater and Stormwater Management**

**4 Units, 4 Lec, 0 Lab**

This course is designed to provide an overview of water/wastewater regulations with an emphasis on local, state, and federal regulatory standards. The study of the principles of wastewater and stormwater management including hydrology, water distribution, wastewater collection, stormwater management, and safe drinking water issues will be covered along with an introduction to the one water management concept.

**MODIFICATIONS TO EXISTING COURSES – FORM C**

**AMT 100    General Aircraft Technology**

**9 Units, 7.5 Lec, 5 Lab**

Correct Units:

From:        AMT 100    General Aircraft Technology        7.5    7.5    5

To:            AMT 100    General Aircraft Technology        9       7.5    5

Change description:

This course is an FAA Part 147 course designed to prepare the student for their FAA Airframe and Powerplant (A and P) certificate. The course will provide the student with a thorough understanding of the use of basic hand tools and measuring devices; basic physics and math; aircraft materials, processes and hardware, procedures for clean and corrosion control; weight and balance techniques; and human factors. Both theory and practical application to aircraft systems are taught.

Approval from a Gavilan College counselor must be obtained before registering for the class.

COREQUISITE: AMT 110, Airframe Maintenance Technology.

ADVISORY: Mathematics 430.

**AMT 101    General Aircraft Technology**

**9 Units, 7.5 Lec, 5 Lab**

Correct Units:

From:        AMT 101    General Aircraft Technology        7.5    7.5    5

To:            AMT 101    General Aircraft Technology        9       7.5    5

Change description:

This course is an FAA Part 147 course designed to prepare the student for their FAA Airframe and Powerplant (A and P) certificate. This course will provide the student with a thorough understanding of the use of maintenance publications, maintenance forms and records with emphasis on A and P mechanic privileges and limitations. Basic electricity for aircraft from

Ohm's Law through transistor theory will be taught as well as ground operation and servicing of aircraft. Both theory and practical application to aircraft are taught.

Approval from a Gavilan College counselor must be obtained before registering for the class.

COREQUISITE: AMT 111, Airframe Structures.

ADVISORY: Mathematics 430.

**CHN 1A Elementary Mandarin 5 Units, 5 Lec, 0 lab**

Reactivate course.

General update: update student learning outcomes and textbook.

**CHN 1B Elementary Mandarin 5 Units, 5 Lec, 0 lab**

Reactivate course.

General update: update student learning outcomes and textbook.

**CSIS 26 Discrete Structures 3 Units, 3 Lec, 0 Lab**

Change Prerequisite: CSIS 45 or CSIS 46 or CSIS 5 or the equivalent AND MATH 235 or MATH 240 or Math 242 or the equivalent.

**GUID/PSYC/POLS 27 Contemporary Leadership 3 Units, 3 Lec, 0 Lab**

Change hours:

From 3 Units, 2 Lec, 3 Lab

To: 3 Units, 3 Lec, 0 Lab

Change Description:

This course provides a cross-disciplinary approach to the theory and practice of leadership. It covers the five practices and ten commitments of exemplary leadership, effective communication styles, and topics related to gender, culture, ethics, power, parliamentary procedure, and running effective meetings. The skills students will learn in this course are directly applicable to work, personal, and college environments. This course is also listed as POLS 27 and PSYC 27

Update content, textbook and student learning outcomes.

**JFT 7A Fire Apparatus Driver/Operator 1A 1 Unit, .8 Lec, 1.48 Lab**

**JFT 7A Prerequisite**

Change description:

This course provides information on fire apparatus preventive maintenance and driving/operating. Topics include routine tests, inspections, and servicing functions, operate, back, maneuver, and turn a fire apparatus in a variety of conditions; and operate all fixed systems and equipment on a fire apparatus. This course fulfills the requirements for a Class C Firefighter Endorsement.

General Update:

Update content, textbook, student learning outcomes, methods of instruction and methods of evaluation.

**JFT 7B Fire Apparatus Driver/ Operator 1B 1 Unit, .8 Lec, 1.48 Lab**

**JFT 7B Prerequisite**

Change title:

From: Driver Operator 1B

To: Fire Apparatus Driver/ Operator 1B

Change description:

This course provides information on pumping apparatus preventive maintenance and operations. Topics include routine tests, inspections, and servicing functions; producing hand, master, and foam streams, relay pump operations; and supplying water to fire sprinkler and stand pipe

systems. This course is based on the 2014 edition of NFPA 1002 Standard for Fire Apparatus Driver/ Operator Professional Qualifications.

General Update:

Update content, textbook, student learning outcomes, methods of instruction and methods of evaluation.

**JFT 35 Fire Fighter Survival .5 Units, .45 Lec, .45 Lab**

**JFT 35 Prerequisite**

General Update:

Update textbook, student learning outcomes and assignments.

**JFT 206 Auto Extrication .5 Units, .34 Lec, 1.02 Lab**

**JFT 206 Prerequisite**

Change Hours:

From: .5 Units, .34 Lec, .57 Lab

To: .5 Units, .34 Lec, 1.02 Lab

Change description:

This course provides the knowledge and skills to prepare a student to extricate victim(s) from a common passenger vehicle in a safe and effective manner in accordance with AHJ policies and procedures.

Update content, textbook, student learning outcomes, methods of instruction.

**JFT 215 Fire Officer Supervisor Academy 2 Units, 1.42 Lec, 3.14 Lab**

**JFT 215 Prerequisite**

Change hours:

From: 2.0 Units, 1.6 Lec, 2.97 Lab

To: 2.0 Units, 1.42 Lec, 3.14 Lab

Change description:

This 80 hour California Fire Marshal certified course provides students with techniques for becoming an effective Fire Officer Supervisor. Topics will include leadership ethics, team building, employee performance appraisals, report writing, harassment and discrimination policies, and planning and delegation techniques.

Update content, student learning outcomes, assignments and methods of instruction.

**JLE 103 Supervisor Course Update .5 – 1 Unit, .34-.8 Lec, .57 – 1.48 Lab**

**JLE 103 Prerequisite**

Change title and hours:

From: Supervisory Update Course .5 – 1, .3 - .8 Lec, .6 – 1.5 Lab

To: Supervisor Course Update .5 – 1 Units, .34 - .8 Lec, 0.57 - 1.48

Lab

Change description:

Provides law enforcement and correctional supervisors to develop and refine their leadership skills. Students will review how to apply basic leadership knowledge, communication skills, team building, conflict management, legal responsibilities, stress management, workplace diversity, sexual harassment, performance skills, briefing skills, and situational decision-making in order to obtain the highest level of performance and accountability. This course will be updated regularly for currency according to POST and California Corrections Standard Authority.

Change grading to Standard letter grade.

**JLE 124 Latent Print .5 Units, .45 Lec, .91 Lab**

**JLE 124 Prerequisite**

Change hours:

From: .5-1 Units, .34-.8 Lec, .57-1.48 Lab

To: .5 Units, .45 Lec, .91 Lab

Change description:

Federal, state, and local law enforcement agencies have a continual need to ensure that their employees are properly trained to compare and identify partial latent palm and fingerprint impressions recovered from evidence. Furthermore, the students need to be trained concerning how to present expert testimony in a court of law.

Update content, student learning outcomes, assignments and methods of instruction.

**JLE 152 Skills and Knowledge**

**.5 – 3 Units, .45 – 1.37 Lec, 0 – 5.5 Lab**

**JLE 152 Prerequisite**

Change hours:

From: .5-3 Units, .17-2.4 Lec, .34-17.5 Lab

To: .5-3 Units, .45-1.37 Lec, 0-5.50 Lab

General update: update textbook and student learning outcomes.

**JLE 154 Instructor Development**

**.5-1 Units, .45-.8 Lec, .91-1.48 Lab**

**JLE 154 Prerequisite**

General update: update student learning outcomes.

**JLE 158 Canine Update**

**.5-4 Units, .22-.45 Lec, 1.14-10.57 Lab**

**JLE 158 Prerequisite**

Change hours

From: .5-4 Units, .17-.34 Lec, 1.77-3.31 Lab

To: .5-4 Units, .22-.45 Lec, 1.14-10.57 Lab

General update: update student learning outcomes.

**JLE 163 Special Threats**

**0.5 Units, .45 Lec, .91 Lab**

**JLE 163 Prerequisite**

Change hours:

From: 0.5 Units, .7 Lec, .23 Lab

To: 0.5 Units, .45 Lec, .91 Lab

Change description:

This course is designed to give the student a heightened state of awareness, both on and off duty. This class explores the times that we can be most vulnerable, how to avoid deadly confrontations, accidents, and compromising situations while at the same time elevating awareness and maintaining vigilance. The students will be provided with various methods that they may choose to utilize in a variety of situations which will enhance their situational awareness.

Update content, student learning outcomes, assignments and methods of instruction.

**JLE 180 Law Enforcement Seminar**

**.5-2 Units, .57-1.02 Lec, .34-3.54 Lab**

**JLE 180 Prerequisite**

Change hours:

From: .5-2 Units, .17-1.6 Lec, .34-2.97 Lab

To: .5-2 Units, .57-1.02 Lec, .34-3.54 Lab

Change description:

This course is designed to provide students that the necessary updates to skills and information required of police officers have been provided and those previously learned skills are maintained and reinforced. This course satisfies requirements from the Commission on Peace Officers Standards and Training (POST). Modules will be combined to complete 16 -80 hours annually.

Update student learning outcomes.

**MUS 3B**      **Harmony/Theory/Musicianship II**      **3 Units, 3 Lec, 0 Lab**

Align with C-ID MUS 130.

Change Description:

Continuation of Music 3A. Fundamentals of music, intermediate harmony, and musicianship  
Introduction to counterpoint. ADVISORY: Must be taken in sequence.

General update: update textbook, student learning outcomes and content.

**PHIL 2**      **Introduction to Logic**      **3 Units, 3 Lec, 0 Lab**

Align with C-ID descriptor PHIL 110.

**POLS/AJ 5**      **Introduction to Modern International Terrorism**      **3 Units, 3 Lec, 0 Lab**

General update: update textbook and student learning outcomes.

**POLS/PSYC/CMUN 6**      **Introduction to Conflict Resolution**      **3 Units, 3 Lec, 0 Lab**

Change description:

Introduction to Conflict Resolution introduces students to non-violent communication skills, conflict resolution, and mediation models. Integrating non-violence theory and practice, students will apply core concepts about the causes of conflict; choose, practice, and evaluate communication skills in a variety of settings on campus and in the community; and formulate appropriate conflict resolution strategies based on analysis of varying conflict situations with sensitivity to ethnicity, class, sexuality, and gender influences. They will also develop and practice basic co-mediation skills in formal and informal settings. This course has the option of a letter grade or pass/no pass. This course is also listed as POLS 6 and PSYC 6. ADVISORY: English 250 and English 260.

General update: Update textbook, student learning outcomes, content and methods of evaluation.

**PSCI 2**      **Introduction to Meteorology**      **3 Units, 3 Lec, 0 Lab**

General update: update textbook and student learning outcomes.

**RE 164**      **Real Estate Appraisal**      **3 Units, 3 Lec, 0 Lab**

Reactivate course.

Update content, textbook and student learning outcomes, methods of instruction and methods of evaluation.

**RE 165**      **Legal Aspects of Real Estate**      **3 Units, 3 Lec, 0 Lab**

Reactivate course.

Change Description:

A study of California real estate law including agency and contract law; title, escrow and closing; real estate financing; and landlord/tenant law. This course meets a requirement for the California Broker's License. This course has the option of a letter grade or pass/no pass. ADVISORY: Real Estate 160.

Update content, textbook and student learning outcomes, methods of instruction and methods of evaluation.

**RE 166**      **Property Management**      **3 Units, 3 Lec, 0 Lab**

Reactivate course.

Update content, textbook and student learning outcomes, methods of instruction and methods of evaluation.

**RE 167      Real Estate Economics**

**3 Units, 3 Lec, 0 Lab**

Reactivate course.

Change description:

An introduction to the economic factors affecting real estate; business fluctuations and real estate cycles; the mortgage market; commercial, industrial and residential income properties and trends; and rural and special purposes properties and trends. This course may be used for the California Broker's License. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Real Estate 160.

Update content, textbook and student learning outcomes, methods of instruction and methods of evaluation.

**RE 168      Real Estate Escrow**

**3 Units, 3 Lec, 0 Lab**

Reactivate course.

Update content, textbook and student learning outcomes, methods of instruction and methods of evaluation.

**DISTANCE EDUCATION – FORM D**

**CSIS DM 160      Game Design**

**3 Units, 3 Lec, 0 Lab**

Add online and hybrid delivery to increase student access.