



CPIS High School Handbook and Course Catalog

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INTRODUCTORY

OFFICIAL PUBLICATION

The CPIS High School Catalog (HSC) is published by California Prep International School (CPIS or CA Prep or California Prep) under the direction of the Executive Director of California Prep for the exclusive use of the faculty of California Prep. Originally, this catalog (HSC) was a part of the Middle School/High School Section Handbook. The main reason for the merger was the small number of student population. Please note that in this handbook, the acronyms SLR and SLO are used interchangeably and mean the same thing as referring to the School-wide Learner Results or Outcomes.

SCOPE

The CPIS High School Catalog provides a ready reference to course descriptions of the subjects offered in the High School. Furthermore, all the course descriptions are lifted from the Course Outline of the subjects. Please note that the curriculum delivery periods and the credits are shown in the CPIS Programs of Study. In addition, this HSC reflects that CPIS is adopting the block scheduling by grade level for contextual and practical reasons. In the past two years, STEM was offered as an experimental subject but without a grade. Starting in August 2019, STEM is officially added as a subject.

HANDBOOK/CATALOG REVISION

Reviews of the *CPIS HSC* are conducted during the months of January and July with publication beginning in August. Recommendations for correction and update may be forwarded to the Administration at least two weeks before the Orientation Session and/or Review Committee Meeting: *Office of the Director, California Prep International 9 Moo 11 T. Banpa, A. Kaeng Khoi Saraburi, and Thailand 18000.*



SCHOOL PROFILE

California Prep History

California Prep International School (California Prep or CA Prep or CPIS) was co-founded by Dr. Phakdee Mangmiwatthana (Ph.D.) and Dr. Adelino Libato (Ph.D.) on November 14, 2010. However, in 2011, California Prep received its government license to operate as an international school. With an American curriculum, California Prep is owned and has been operated by the Mangmiwatthana Company Limited with teachers as shareholders.

California Prep is committed to the harmonious development of the whole person for student excellence in academics, character/personality, useful service, and global citizenship. Moreover, it intends to continue its tradition of being among the first two complete e-learning international schools in Thailand which were pioneered by the California Prep Team. California Prep stresses the Core-subjects (English, Math, Science, & Business) with e-Learning plus Talent Development and Self-discipline/Values as well as character development.

It would have been impossible for California Prep to survive without God's blessings and unimaginable synergy through the siblings of the late Mr. Bhai Khan Mariam Pongswang. The unwavering support and generosity of the said family through Khun Malinee (Chit), Dr. Hataishanok (Nok), and Khun Manuschanok (Nat) made the new strategically located campus at Kaeng Khoi (Saraburi) possible. This 15-rai campus and its renovated buildings just perfectly match the vision and dreams of the founders.

Among the first School Board members were Dr. Hataishanok Pongswang, one of the directors at Mitrapap Memorial Hospital; Khun Pom Polcharoen, shareholder of Thongsomboon Club; and Dr. Gideon Samson, Investor representative from CA, USA. Among the first leading personnel of California Prep were Nuengnalini Tawinno, M.A. ongoing (Deputy Director for Operations & PR); James Barrett, M.A. (Deputy Director for Curriculum); Nuttida Intasong, M.A. (Registrar); Jongrak Phenglia, M.A. (Librarian); Russell Rollan, M.A. ongoing (Middle School/High School Head); Ajarn Jidapha Tawinno (Cafeteria Head); Michael Alcaide (IT Administrator); Alex de Guzman, M.A. (IT/elearning consultant).

Other pioneer teachers/staff of California Prep were: Michelle Alcaide; Daniela Assimiti; Juby Arceo; Charity Libato, M.A.; Mervin Gallo; Wichuda Jongjit; Bhahanan Jongjit; Pichit Thanthra; Del Libato; and Janet de Guzman, M.A. (Elementary Level Consultant). Moreover, some were also granted honorary pioneer status such as: Bernie Bugaay, Roland Ladrido, Meenawan Kadeerak, Anuwat Kadeerak, Celedonio Del Rosario, Charidel Libato, Olga Sorokina Del Rosario, and Aysha Abdur Rahman.

At the pioneering years, Dr. Phakdee Mangmiwatthana serves as the School Director and Licensee while Dr. Adelino Libato serves as the Board Chair and Vice-Director for Academic Administration.

Mission, Vision, Philosophy, Rationale

Mission:

California Prep is committed to the harmonious development of the whole person for student excellence in academics, character/personality, useful service, and global citizenship. Moreover, it intends to continue its tradition of being the first complete e-learning international school in Thailand which has been pioneered by the California Prep Team. California Prep strives to be among the best schools that effectively delivers the Core-subjects (English, Math, Science & Business) with e-Learning plus Talent Development and Self-discipline/Values for character development.

California Prep intends to educate the whole child (head, heart, hands, and health) as well as to encourage each child to strive for excellence. To awaken and nurture a love for learning in each child so that they become life-long learners is viewed as a top priority concern. Experiential and mastery learning, critical thinking skills, creative problem solving and inquiry approach will offer value-added flavor to our curricular delivery. It's our desire for each student to develop his/her full potential with winning attitude, thoughtful choices and informed decisions backed up with right action.

Vision:

With highly qualified and loving mentors, California Prep has positioned itself to effectively deliver its curriculum which basis has been the California Department of Education curriculum with its recognizably well-crafted content standards. California Prep curriculum demands the best practices, high involvement, and serious engagement of the stakeholders. Through the collaborative efforts of the teachers, parents and the community, California Prep cannot fail in professionally delivering its mission, standards and objectives. High expectations are set upon teachers and students with respect to continuous improvement in communication skills, creative imagination, contagious positive mental attitude, contribution to society and broad curriculum.

Hence, high student learning is the bottom line with emphases in the practical realities of life and problem solving skills so that the best in the students will be honed. Proper choices and creative imagination that links with the spiritual realm may lead them to happiness and success. This finds expression in the burning desire to cherish and pursue the divine mission to serve even the disadvantaged. This contextualized Western curriculum will bring value-added twists and flavor that impacts society in general through the transformation of the head, heart, and hands for the new generation with a new spirit!

Philosophy:

California Prep education encompasses the whole spectrum of a person's experiences and practical realities in this life and even in the hereafter. It embraces the mental, physical, social, and spiritual dimensions to the maximum development possible. In its broadest sense, it even attempts to merge and connect the ordinary minds to the loving Infinite Designer/Spirit to become extraordinary young visionaries. Thus, its curriculum integrates natural laws, spiritual values, dignity of man, and success principles. The impact to society will be immeasurable and tremendously irresistible.

Moreover, California Prep education recognizes individual differences and that everyone deserves to be respected and loved for his/her happiness. Regardless of the depth of human degeneration, each student is viewed as a positive potential for goodness and truth that spans eternity. From the backdrop of the conflict between Light and Darkness, California Prep education offers something different from others as regards to the teaching strategies and broad curricular delivery that identify and/or close the student learning gaps. Finally, it endeavors to instill in each student that “something better” and elevates him/her to the highest ideals in relationship with fellowmen and the Ultimate Designer.

Rationale:

California Prep is being established and developed to meet the increasing need and demand for high quality education for Thai and international students with most reasonable cost. The school will focus on creating a balance between excellence in learning, significant participation in athletics and extra-curricular activities while integrating social and family values along with instructional technology into the curriculum.



SCHOOL LOGO'S INTERPRETATION & ACADEMIC MODEL

CALIFORNIA PREP LOGO



The Logo of the California Prep International School has several features which are symbols of the overall curriculum emphases. The symbols carry meanings that are very close to the hearts of the California Prep community. Highlighted in the logo are as follows:

Triangle	This represents the broad curriculum
Triangles Three sides	They represent the three-pronged emphasis such as: Core subjects with eLearning; Talents Development/Support; & Self-discipline/Values.
Computer at the center	This represents the e-learning emphasis
Images of persons	They represent balanced or holistic education
Olive branch-Globe (left side bottom)	This symbolizes excellence through peace and teamwork This represents the emphasis on Math and Science
Persons (center bottom)	They represent student-centered teaching
Images of arts	They represent life skills and business

CALIFORNIA PREP ACADEMIC MODEL



CALIFORNIA PREP SCHOOL-WIDE LEARNER RESULTS

School-wide Learner Results

1. Kind communicators (KC) <ol style="list-style-type: none"> 1. Employ various communication methods 2. Express ideas in English (written and oral) 3. Have confidence in speaking with diverse audiences 4. Listen to and respect the ideas of others 5. Display open-mindedness and empathy 	2.Principled & values-oriented (PV) <ol style="list-style-type: none"> 1. Adopt high moral and ethical standards 2. Stand for what is right and sensible 3. Value and support team work 4. Perform various tasks with positive attitude 5. Collaborate to achieve group goals 6. Exhibit self-control
3.Reflective problem-solvers (RP) <ol style="list-style-type: none"> 1. Display appropriate self-direction 2. Evaluate and monitor progress of tasks 3. Think creatively to solve problems 4. Develop questioning mindset 5. Make decision based on well-thought of options 	4.Respectful, multicultural & caring (RM) <ol style="list-style-type: none"> 1. Accept personality and individual differences 2. Appreciate and recognize diversity in culture 3. Inspire and build the well-being of others 4. Consider and treat others with great respect 5. Model love and tolerance towards others
5.Balanced & Creative (BC) <ol style="list-style-type: none"> 1. Analyze and evaluate views of others 2. Simplify issues into manageable tasks 3. Develop creative and innovative mindset 4. Maintain holistic development for health 5. Possess a clear purpose in life 	6.Self-motivated life-long learners(SL) <ol style="list-style-type: none"> 1. Persevere on any assigned duty or homework 2. Learn to cooperate with others 3. Get enthusiastic with new & challenging stuff 4. Focus on diligent study to prepare for college work 5. Work independently with little or no supervision
7.Responsible citizens & positive contributors to society (RC) <ol style="list-style-type: none"> 1. Follow rules and meet school expectations 2. Participate community service learning for life skills 3. Apply learning to real-life situations 4. Produce quality work/research at all times 5. Preserve “green” nature & a healthy environment 	

CPIS SLR QUESTIONNAIRE



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CA Prep Self-Study Report School-Wide Learning Results Questionnaire (for parents & teachers)

Direction: Please rate the item according to your degree of agreement with the statement. Circle or tick a number in the response column that matches your degree of agreement.

Legend: 1 = SD or Strongly disagree; 2 = D or Disagree; 3 = U or Undecided; 4 = A or Agree; 5 = SA or Strongly Agree.

Note: Please prefix all items with “The students at CA Prep”:					
	SD	D	U	A	SA
I. Kind communicators (KC)					
1. Employ various communication methods	1	2	3	4	5
2. Express ideas in English (written and oral)	1	2	3	4	5
3. Have confidence in speaking with diverse audiences	1	2	3	4	5
4. Listen to and respect the ideas of others	1	2	3	4	5
5. Display open-mindedness and empathy	1	2	3	4	5
II. Principled & values-oriented (PV)					
6. Adopt high moral and ethical standards	1	2	3	4	5
7. Stand for what is right and sensible	1	2	3	4	5
8. Value and support team work	1	2	3	4	5
9. Perform various tasks with positive attitude	1	2	3	4	5
10. Collaborate to achieve group goals					
11. Exhibit self-control					
III. Reflective problem-solvers (RP)					
12. Display appropriate self-direction	1	2	3	4	5
13. Evaluate and monitor progress of tasks	1	2	3	4	5
14. Think creatively to solve problems	1	2	3	4	5
15. Develop questioning mindset	1	2	3	4	5
16. Make decision based on well-thought of options	1	2	3	4	5
IV. Respectful, multicultural & caring (RM)					
17. Accept personality and individual differences	1	2	3	4	5
18. Appreciate and recognize diversity in culture	1	2	3	4	5
19. Inspire and build the well-being of others	1	2	3	4	5
20. Consider and treat others with great respect					
21. Model love and tolerance towards others	1	2	3	4	5
V. Balanced & Creative (BC)					
22. Analyze and evaluate views of others	1	2	3	4	5
23. Simplify issues into manageable tasks play.	1	2	3	4	5
24. Develop creative and innovative mindset	1	2	3	4	5

25.	Maintain holistic development for health	1	2	3	4	5
26	Possess a clear purpose in life					
VI. Self-motivated life-long learners(SL)						
27.	Persevere on any assigned duty or homework	1	2	3	4	5
28.	Learn to cooperate with others	1	2	3	4	5
29.	Get enthusiastic with new & challenging stuff	1	2	3	4	5
30.	Focus on diligent study to prepare for college work	1	2	3	4	5
31.	Work independently with little or no supervision	1	2	3	4	5
VII. Responsible citizens & positive contributors to society (RC)						
32.	Follow rules and meet school expectations	1	2	3	4	5
33.	Participate community service learning for life skills	1	2	3	4	5
34.	Apply learning to real-life situations	1	2	3	4	5
35.	Produce quality work/research at all times	1	2	3	4	5
36	Preserve “green” nature & a healthy environment	1	2	3	4	5

CURRICULUM: PROGRAMS OF STUDY & DELIVERY TIME

CPIS Curriculum in Brief

Our CPIS curriculum is based on the California Department of Education (CDE) curriculum. The reason is obvious. California appears to have similar contexts (to) Asia in the sense that there are many non-native English speakers living there. The mixture of cultures and people from various nationalities in California provide(s) a setting that's closer to Asia. In fact, the CDE curriculum has a Language Development component which may be equated with the ESL program in many international schools.

Moreover, many parents in Asia and/or Thailand still look up to America as a model for excellence and prestige. This perception will continue to prevail even in the next few years. Undeniably, when it comes to great inventors, America has produced a lot of them. This may be due to the emphasis on creative imagination and problem solving skill. In addition, USA is still considered as the leading economy of the world with its unbeatable military power which may be attributed to the superiority in technology and scientific leaps.

It should be noted that the written CDE curriculum is delivered with the contextual considerations. The school does not just uproot the CDE curriculum and transplant it here in our contexts. Our qualified and experienced teachers, many of them are MA degree holders and with MA credits, have been trained professionally to ensure that the environment is supportive and caring to boost the student learning. This environment is enriched with various student activities such as field trips, retreats, camping, cultural celebrations, and others. Our curriculum delivery is normally supported with e-learning modality and mastery learning approach with student-centred paradigm.

Our academic model underscores our three-pronged emphasis such as: Core subjects with IT; Self-discipline or Self-control; and Talent development. These are our niches and we want to be known as the best on these three dimensions plus a BIG NO to smoking, alcohol, and drugs. Our high school streams include the following: Business/English; Business/Computer; and Math/Science. However, those seniors whose GPAs don't qualify may be granted the General Diploma. It may take years and years to fully deliver and fulfil the mission statement. But we will get there!

Our broad curriculum (beyond the written one) may be squeezed and the delicious juice that will come out is balanced education. It implies something more beautiful than the traditional emphasis of head, heart, and hands. To our level best, we dream that our students may develop mentally, physically, socially, and spiritually/morally. This will be done from standpoint of multiculturalism where everybody is accepted, respected, tolerated, and loved regardless of religious affiliations, nationalities, and colors. In brief, we want our graduates to be among the best or better than the rest!



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HIGH SCHOOL PROGRAMS OF STUDY 2019-2020

California Prep International School

	Subject Area	Business & Computer Stream	English & Social Studies Stream	Science & Math Stream	Required Courses	Credit
1	Mathematics	5	5	5	Geometry	1
					Algebra 2	1
					Pre-Calculus w/ Trigonometry	1
					Calculus	1
2	Language Arts	5	5	5	Writer'sChoice: Gram & Comp1	1
					Writer'sChoice: Gram & Comp2	1
					Writer'sChoice: Gram & Comp3	1
					Writer'sChoice: Gram & Comp4	1
3	Literature	2	2	2	Literature: Reader'sChoice	0.50
					Literature: Reader'sChoice	0.50
					Literature: Reader'sChoice	0.50
					Literature: Reader'sChoice	0.50

4	Thai Language & Culture	4	4	4	Thai Language & Culture 1	1
					Thai Language & Culture 2	1
					Thai Language & Culture 3	1
					Thai Language & Culture 4	1
5	Science	5	5	5	Physical/Earth Science	1
					Biology	1
					Chemistry: Matter and Changes	1
					Physics: Principles and Problems	1
6	Social Science + Practicum/Com Service/WorkE d	4	4	4	Geometry/World History	1
					Economics + Global Citizenship	1
					Sociology	1
					Psychology + Democracy & SEA	1
7	Business + Practicum (2P)	2	2	2	Intro to Entrepreneurship	1
					Intro HRM	1
					Business Statistic	1
					Intro to Accounting	1
8	Technology or Computer	1	1	1	Introduction to Web Design: Dreamweaver	0.25
					Intro to Desktop Publishing	0.25

					Intro to Multimedia	0.25
					Intro To Info Technology	0.25
9	Physical Education	1	1	1	Physical Ed 1	0.25
					Physical Ed 2	
					Physical Ed 3	
					Physical Ed 4	
10	Arts (Visual Arts)	1	1	1	Photo 1-A	0.25
					Photo 1-B	0.25
					Visual Arts 2-A	0.25
					Digital Arts 2-B	0.25
11	Values / Career	1	1	1	Values/ Career 1	1
					Values/ Career 2	1
					Values/ Career 3	1
					Values/ Career 4	1
12	Foreign Language Elec.	1	1	1	Chinese or Spanish	0.25
					Chinese or Spanish	0.25
					Chinese or Spanish	0.25
					Chinese or Spanish	0.25
13	Elective	1	1	1	Stream Elective	1
14	Health	1	1	1	Health 1-A	0.25
					Health 1-B	0.25
					Health 2-A	0.25
					Health 2-B	0.25
15	STEM	1	1	1	STEM 1-A	0.25
					STEM 1-B	0.25

					STEM 2-A	0.25
					STEM 2-B	0.25
16	Social Requirement	0	0	0	Work Ed = 100 hrs.& Community Service	0
17	Citizenship Req.				ROTC	0
	Preparatory for:	Business & IT Degree	Education & Law Degree	Medical & Engineering Degree		0
	Total Period	35	35	35		

Rev: August 2019

NOTE:

Catalog Final Approval will be in September due to the Government New Initiatives on September 17, 2019

AP courses tutorial are available on CORE Subjects upon request.

GRADING SYSTEM

<u>Grade (%)</u>	<u>Letter Grade</u>	<u>Point System</u>	<u>Performance Assessment</u>
95% to 100%	A	4.00	Excellent
90% to 94%	A-	3.70	Very Good
87% to 89%	B+	3.30	Very Good
83% to 86%	B	3.00	Good
80% to 82%	B-	2.70	Good
77% to 79%	C+	2.30	Average
73% to 76%	C	2.00	Average
70% to 72%	C-	1.70	Poor
67% to 69%	D+	1.30	Poor
63% to 66%	D	1.00	Very Poor
60% to 62%	D-	0.70	Very Poor
0% to 59%	F	0.00	Failed
	I	0.00	Incomplete

GRADUATION REQUIREMENTS

Graduation is the ultimate goal of every CPIS student. All teachers are expected to give the best support to the seniors in order for them to satisfy all the grade 12 expectations. The CPIS graduation requirements or criteria are as follows:

1. One-year of residence at California Prep
2. GPA of 2.5
3. Research Work & Oral Defense
4. Work Education and Community Service of 200 Hours
5. Satisfy the Credits of the High School Program of Studies
6. Pass all the Grades 10,11,,& 12 subjects Plus the MOE requirements of:

English	4 credits
Social Sciences	4 credits
Mathematics	4 credits
Science	4 credits
Visual and Performing Arts	1 credit
Physical Education	2 credits
Thai Studies	4 credits
Total Thai MOE Required	24 credits

Credits

Note: 1 credit equals two semesters of coursework; therefore each semester is .5 credits.

By and large, a student who comes to CPIS and takes the admission test will know his/her academic status momentarily. This is determined before the student is offered and parents sign the enrollment contract. The length of time to graduate will always be relative to the transfer of credits from the previous school. Since satisfying the requirements for the high school graduation partly depends on the number of acceptable transfer high school credits it's crucial that the student works closely with the homeroom adviser and the academic director. For instance, a new grade 10 will normally take three years (6 semesters) to complete the graduation requirements. A student with core subject deficiencies or INCs may have to take the summer school program. Likewise, any entering student who has a problem in completing the graduation requirements within the normal amount of time may be advised to attend the summer school session. The last option is to appeal for the challenge test with intensive 16-hour tutorial if the English proficiency of the student satisfies the high intermediate level to cover for the missed credits.

TESTING SUPPORT PROGRAM

California Prep offers courses to prepare students to successfully hurdle the most coveted tests by the local students such as: SAT, TOEIC, TOEFL, AP, IELTS, and others upon request for tutorial. The school chooses not to be a testing center. There are a lot of testing centers in Bangkok plus an ETS Center nearby about 15 kilometers away from the campus.

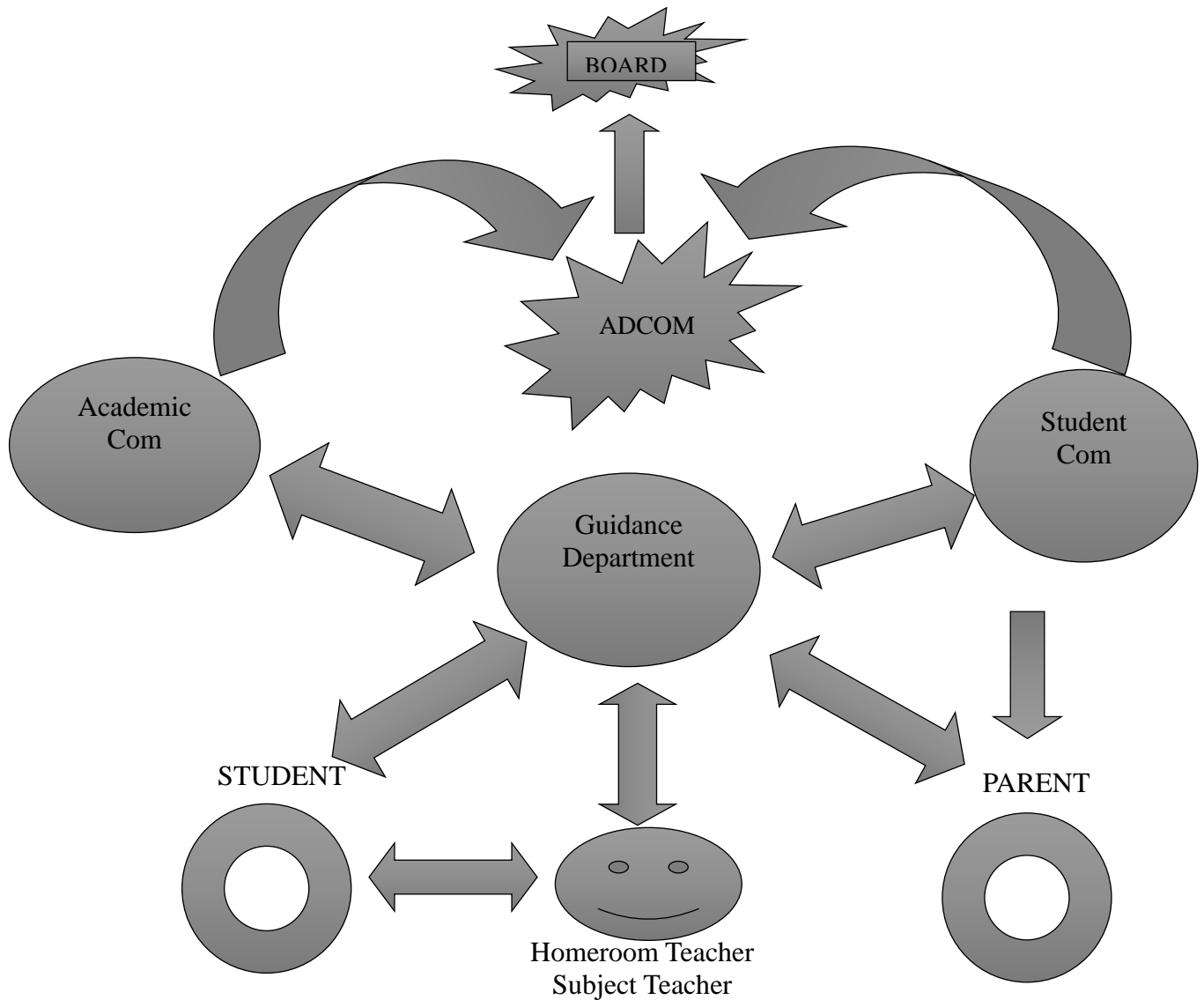
GUIDANCE & COUNSELING IN BRIEF

Modified Missouri Model in Guidance/Counseling (3M GC) Rationale: The complexities existing in the school and the confusion and “chemical reactions” baffling the teenagers’ minds demand the creation of an over-arching/ all-encompassing program that must oversee and coordinate the promise of a well-balanced/holistic education. The old model of a guidance/counseling program as ancillary or support service is past. Now, the new model is justifiably legitimate with the changing times and needs. It is called the Modified Missouri Model in Guidance/Counseling (3M GC). Conceptual Framework: The model has 5 initiatives:

1. W= Holistic/ Balanced Necessary life skills Covers the four dimensions: physical, mental, spiritual, social 2. I= Integrative Covers all facets and programs On and off campus activities IFL in classes- course outlines, lesson plans, delivery 3. R= Redemptive Discipline: Redemptive and Preventive Personal problems Attitude, attendance, absence Approach: Gentleness, Restoration, Change of mind, Preventive, Fellowship 4. E= Educative Standardized testing Learning skills: Students must. Gain the most basic skills: speaking, study, research, reporting b. Learn how to learn (Student takes responsibility for learning) c. Possess technological know-how d. Do research (like project-based) 5. D= Disciplinary Career Vocational Choice of school & course General Objectives: The 3M GC envisions serving as the Implementing Arm of the promised well-balanced/ holistic education. 3M GC “MAKES” things happen. The word “MAKES” is an acronym and stands for: M- Monitors/controls, coordinates the holistic aspect and the program A- Addresses issues and hindrances K- Knows the student needs and problems E- Executes the tasks and responsibilities S- Synergizes/collaborates with the key players The STAR 3M GC Structure 3M GC Curriculum & Resources: 1. Topics in Character, Relationship, & Personality (EGW) 2. Topics on Competencies (Geybers & Henderson, 1994) 3. Commonsense Teenagers (Dr. Melgosa) 4. Covey’s 7 Habits & Principle-centeredness 5. Warren on Spirituality and Growth 6. Solomon’s God-centeredness (NIV) 7. Celebration: One God, One World Criteria/ Standards Geybers and Henderson (1994) cited that criteria or standards are “statements that provide a description of what students should know

and be able to do at the highest level of expectations.” Compass/ Principles These are the enduring values and truths that don’t change over time. Covey’s point stresses to lean against the right wall. Maps may change over time. Don’t use an old map to a newly developed city. Maps are paradigms to be shifted. Change the lens!

GUIDANCE REFERRAL MODEL



UNIVERSITY ADMISSION REQUIREMENTS

URLs of some selected top universities in Thailand that are most preferred by local students vis-à-vis the quality curriculum delivery:

***Chulalongkorn University**

<https://bba.acc.chula.ac.th/index.php/2014-06-27-06-06-17/apply-online/admission-requirement>

***Mahidol University**

<https://muic.mahidol.ac.th/eng/admissions/thai-students-and-foreign-residents/>

***Thammasat University**

https://oia.tu.ac.th/index.php?option=com_content&view=article&id=96&Itemid=264

***Kasetsart University**

<http://iup.eng.ku.ac.th/index.php/en/admission.html>

***King Mongkut Univ-Ladkrabang**

<http://www.ic.kmitl.ac.th/index.php/programs/undergraduate/software-engineering#tab-admission>

<http://global.kmutt.ac.th/prospective-students/undergraduate-admission/how-to-apply>

CPIS HIGH SCHOOL COURSE DESCRIPTIONS SY 2019-2020

Revised: September 17-19

Grade 9 Course Descriptions

Grade 9 Arts (Visual Arts 9 or Photo 1)

Course Number: ART 901 (1st Sem)

Course Number: ART 902 (2nd Sem)

Prerequisite: G8 English Language

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course introduces the students to the history of photography, its aesthetics aspect, as well as the black and white dimensions of photography. Photography as a fine art will be heavily stressed. Students will have some exposures in darkroom techniques and fundamental knowledge of the camera.

Grade 9 Business (Introduction to Entrepreneurship)

Course Number: BUS 901(1st Sem)

Course Number: BUS 902 (2nd Sem)

Prerequisite: G8 English Language & G8 Math

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course provides a basic understanding of the essential concepts and basic functions of Business. It is intended to help students to personally relate to how the economy works and generally to appreciate the importance of such an understanding in their lives. This course will discuss economic resources and systems, economic activity in a changing world, including a historical perspective, and address the importance of ethics and social responsibility. We will summarize what it takes to own and operate a business, including the role of entrepreneurs and entrepreneurship, focusing on rewards and challenges. The development of comprehensive and concise business plans will be explained and project work will be assigned in this area. We will discuss the influence of business in a global economy as well as the role of government in our economy. Marketing in today's world and the function of advertising will be presented. Additional topics include human resource management, managing business finances, the role of technology in the workplace, career planning in the global economy, buying goods and services, the basics of credit, money management, and risk management.

Grade 9 Computer (Intro to Web Design: Dreamweaver)

Course Number: COM 901(1st Sem)

Course Number: COM 902 (2nd Sem)

<p>Prerequisite: G8 English Language & G8 Computer</p> <p>Offered at: California Prep International School (Saraburi, Thailand)</p> <p>This course is intended to help students develop skills needed to become a Web designer that will allow them to succeed in any subject area and throughout their life. This course is designed to help them obtain skills in working with:</p> <ol style="list-style-type: none"> 1) Basic HTML 2) Basic CSS
<p>Grade 9 English Language</p> <p>Course Number: ENG 901 (1st Sem)</p> <p>Course Number: ENG 902 (2nd Sem)</p> <p>Prerequisite: G8 English Language</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>The G9 English class will focus more on reading, writing, speaking, listening and vocabulary building skills. Students will read some portions in literature including short stories, poetry, and drama as well as Bible stories specifically found in the book of Genesis. A range of materials will be used in addition to the course texts allowing students to develop strategies that will improve their reading, comprehension, grammar and writing skills. Students will be encouraged to work together in pairs, small and large groups as well as in teams.</p>
<p>Grade 9 English Literature</p> <p>Course Number: ENG 903 (1st Sem)</p> <p>Course Number: ENG 904 (2nd Sem)</p> <p>Prerequisite: G8 English Literature</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>Grade 9 English Literature will encompass a variety of language, grammar, writing, reading, and speaking skills. Writing will focus on topic, logical order, varied sentence patterns, relevant supporting details, and academic vocabulary through weekly short story writing assignments. Grammar, spelling, punctuation, capitalization, etc. will also be assessed in these assignments and corrected through teacher feedback. In addition to short stories (fiction and nonfiction), students will read and analyze poetry, drama, and excerpts from novels, with the goal being to recognize elements of literature, develop vocabulary from contextual clues, and identify the author's purpose and perspective. Oral communication will be promoted through student presentations on literature where they become critical participants and listeners. Enunciation, structure, and appropriate lexicon and grammar will be evaluated and reinforced throughout these presentations.</p>
<p>Grade 9 Health Education 1-A</p>

Course Number: HEA 901 (1st Sem)

Course Number: HEA 902 (2nd Sem)

Prerequisite: G8 English Language and G8 Health Education

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course provides insights and skills that allow students to make healthy choices and avoid high-risk behaviors. Eight main standards describe the essential concepts and skills that are taught within the context of six health content areas such as: (1) Nutrition and Physical Activity, (2) Growth, Development, and Sexual Health, (3) Injury Prevention and Safety, (4) Alcohol, Tobacco, and Other Drugs, (5) Mental, Emotional, and Social Health, (6) Personal and Community Health. Students are encouraged to be positive and proactive in maintaining a physical, emotional, and psychological well-being. These strands allow students to consider their development both at a personal level and within the context of their communities. The primary goal of this course with the mentioned standards is to improve academic achievement and health knowledge for all students. Thus, the students will achieve the expected outcomes in becoming critical thinkers and problem solvers when confronting health problems and issues, self-directed learners who have the competence to use basic health information and services in health-enhancing ways, effective communicators who organize and convey beliefs, ideas, and information about health issues and responsible and productive citizens who help ensure that their community is kept healthy, safe, and secure.

Grade 9 Math (Geometry)

Course Number: MAT 901 (1st Sem)

Course Number: MAT 902 (2nd Sem)

Prerequisite: G7 Pre-Algebra & G8 Algebra 1

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

The student is introduced to a classical geometry course to acquaint with two-dimensional spatial relationships as well as some selected visualizations in three dimensions. After a brief introduction to sets, the postulates and theorems for points, lines, and planes are presented. Special attention is given to the theorems involving parallel and perpendicular lines, and congruency in segments, angles, and triangles. Circles, their tangents, their arcs and chords, with related properties, are discussed. Derive formulas and solve problems involving lateral area and surface area of solids, solve the problems involving the volumes of three dimensional figure will be emphasized. Next, area and volume formulas are studied. Lastly, coordinate graphing is reviewed and then these graphing techniques are applied to geometric concepts. Students know the effect of rigid motion on figures in coordinate plane, including rotations, translations and reflections.

Grade 9 Physical Education

Course Number: PHE 901 (1st Sem)

Course Number: PHE 902 (2nd Sem)

Prerequisite: G8 Physical Education

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness.

Grade 9 Science (Physical Science/Earth and Space)

Course Number: SCI 901 (1st Sem)

Course Number: SCI 902 (2nd Sem)

Prerequisite: G8 English Language & G8 General Science

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course enables students to develop their understanding of basic concepts in physical science; earth and space science, chemistry and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

Grade 9 Social Studies (World Geography and Cultures)

Course Number: SOC 901 (1st Sem)

Course Number: SOC 902 (2nd Sem)

Prerequisite: G8 English Language and G8 World History

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Social studies 9 offered to grade 9 students explains the concepts that will enable them to better understand the big ideas, that could help them organize, learn the patterns and relationships studied by geographers to interpret the past, understand the present, and plan for the future. Students will learn how people, places and environments are distributed in various regions on the Earth's surface; the relationship between humans and their physical environment; how physical processes shape Earth's surface; how the characteristics of cultures prompt human systems; and how human actions tweak the physical environment. Students will become familiar on how to read and interpret maps; understand how physical processes, like hurricanes and volcanos embodied the face of the Earth; how technology impacts people and economy; and how recycling makes a people choice to protect Earth's physical environment.

<p>Grade 9 STEM 1-A</p> <p>Course Number: STE 901 (1st Sem)</p> <p>Course Number: STE 902 (2nd Sem)</p> <p>Prerequisite: G8 STEM, G8 English Language, and G8 Computer</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>In this course, student is introduced to the fundamental concept of engineering design which will be mainly emphasized on the understanding of Engineering Design Process as well as the knowledge of applied mathematics, science, and engineering standard. After a brief introduction of 3D modeling software, principle of engineering is presented. Special attention is given to the strength of structure, material, and automation. Next, design process documentation, collaboration, and presentation are presented. Lastly, the mechanisms of designing and producing engineering product are significantly denoted.</p>
<p>Grade 9 Thai Culture & Behavior</p> <p>Course Number: THA 901 (1st Sem)</p> <p>Course Number: THA 902 (2nd Sem)</p> <p>Prerequisite: G8 Thai Culture & Behavior</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>This course is designed to give students opportunity to practice the Thai Language reading and pronunciation of various types of prose and verses correctly and appropriately. Students will have exposure by reading the stories from the literature in the lesson, newspaper and important events, entertainment articles, historical documentaries, and myths. Creative writing may include the following: writing business letters, inviting speakers, asking for help, and writing appreciation letters as well as writing study reports and writing project reports. Reports, stories, and issues that are researched about local wisdom will be covered and emphasized too. To facilitate learning, this class will employ and integrate various learning processes: process of creating knowledge, thinking process, operating process, group process, language learning process, and self-learning process. This course has two components: Thai Language Study and Thai Language Practicum.</p>
<p>Grade 9 Values Ed</p> <p>Course Number: THA 901 (1st Sem)</p> <p>Course Number: VAL 902 (2nd Sem)</p> <p>Prerequisite: G8 English Language and G8 Values Ed</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p>

Moral Values course is designed to provide students with factual knowledge of the biblical characters and their biographies of world religions' founders. This also introduces students to the life and teaching of Jesus Christ. Moreover, this course will help students to participate in a Service-Learning Project (community service) in which they are expected to interact significantly with people inside or outside CPIS campus by teaching, helping, serving, leading them. The required reading will help students understand the chronology of God's plan working out in history from creation to the present. This integrated study includes discussion of worldview, history, anthropology, and philosophy.

Grade 9 Campus English Speaking

Course Number: CES 901 (1st Sem)

Course Number: CES 902 (2nd Sem)

Prerequisite: G8 Campus English Speaking

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This English Practicum is designed to motivate students to always speak English on campus during school hours. To create an environment of full English immersion is definitely a way that supports daily language enhancement. Practice is the bottom line for continual improvement in language proficiency level.

Grade 10 Course Descriptions

Grade 10 Arts (Visual Arts 10 or Photo 2)

Course Number: ART1001 (1st Sem)

Course Number: ART1002 (2nd Sem)

Prerequisite: G9 Photo 1

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This is designed to give students exposure to the present relevant technologies. Students will explore technological applications of the present time. Moreover, there will be some familiarization with the themes of art history and multiculturalism. Experimentation on darkroom techniques will be encouraged with negative and print manipulation. For a special visual style, there is an emphasis on technique experimentation and aesthetic quality.

Grade 10 Business (Human Resource Management)

Course Number: BUS1001 (1st Sem)

Course Number: BUS1002 (2nd Sem)

Prerequisite: G9 Intro to Business Entrepreneurship

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, the student is introduced to the subject of the dynamic environment and Fundamentals of Strategic HRM. Moreover, the student will be exposed to the legal and ethical context of HRM which will be elaborated in a concept of equal employment opportunity and employee rights and discipline. In addition, staffing the organization which included human resource planning and job analysis, recruiting, and foundations of selection will be discussed. Lastly, the fundamental concept of training and development will also be introduced.

Grade 10 Computer (Intro to Multimedia)

Course Number: COM1001 (1st Sem)

Course Number: COM1002 (2nd Sem)

Prerequisite: G9 Computer

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course aims to enable students to understand the fundamentals of multimedia, describe its types of production, and how it affects society. This course provides students with hands-on practice on multimedia tools and software that are used to produce multimedia productions:

- 1) Basic JavaScript Programming
- 2) Audio Production Tools

3) Video Production Tools
<p>Grade 10 English Language</p> <p>Course Number: ENG1001 (1st Sem)</p> <p>Course Number: ENG1002 (2nd Sem)</p> <p>Prerequisite: G9 English Language</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>This class is a balanced program of reading, writing, vocabulary, and English language conventions. Students will read some portions in literature including novels, short stories, essays, and poetry as well as Bible stories specifically found in the books of Daniel and Esther. The readings will help the students develop their skills that can provide the learners new insights to analyze the written word. Students will learn reading strategies to enhance their comprehension and will develop their writing by using structured writing processes. These processes will help them prepare persuasive writing, narratives, research, and other types of writings. They will learn strategies for planning and organizing their writing, editing, revision, and completing their work. Moreover, listening and speaking strategies are emphasized during class discussions and oral presentations. Vocabulary words will be introduced, explained, and used in context to help the students gain a stronger grasp of the English language.</p>
<p>Grade 10 English Literature</p> <p>Course Number: ENG1003 (1st Sem)</p> <p>Course Number: ENG1004 (2nd Sem)</p> <p>Prerequisite: G9 English Literature</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>English Literature will broaden students' range of academic vocabulary and literary terminology, in addition to continue improving their ability to analyze, summarize and criticize poetry and fictional short stories. A heavy focus will be placed on the composition of discursive essays (Introduction, Body, and Conclusion) as a means to provide organized and thorough analytical literary feedback. Students will also be introduced to journalism, commentary, criticism, essays, fiction, and satire primarily sourced from <i>The New Yorker</i> magazine. Students will be assigned bi-weekly writing assignments emulating the styles of those found in the magazine, and the final course project will be a magazine publication comprised of the students' various work and literary commentary. A portion of the course will present a timeline and review of literature from early 20th century magazines through material found online today.</p>

Grade 10 Health Education 1-B

Course Number: HEA1001 (1st Sem)

Course Number: HEA1002 (2nd Sem)

Prerequisite: G9 Health Education 1-A

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course provides insights and skills that allow students to make healthy choices and avoid high-risk behaviors. Eight main standards describe the essential concepts and skills that are taught within the context of six health content areas such as: (1) Nutrition and Physical Activity, (2) Growth, Development, and Sexual Health, (3) Injury Prevention and Safety, (4) Alcohol, Tobacco, and Other Drugs, (5) Mental, Emotional, and Social Health, (6) Personal and Community Health. Students are encouraged to be positive and proactive in maintaining a physical, emotional, and psychological well-being. These strands allow students to consider their development both at a personal level and within the context of their communities. The primary goal of this course with the mentioned standards is to improve academic achievement and health knowledge for all students. Thus, the students will achieve the expected outcomes in becoming critical thinkers and problem solvers when confronting health problems and issues, self-directed learners who have the competence to use basic health information and services in health-enhancing ways, effective communicators who organize and convey beliefs, ideas, and information about health issues and responsible and productive citizens who help ensure that their community is kept healthy, safe, and secure.

Grade 10 Math (Algebra 2)

Course Number: MAT1001 (1st Sem)

Course Number: MAT1002 (2nd Sem)

Prerequisite: G8 Algebra 1 & G9 Geometry

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Algebra 2 concentrates on extending and enhancing the algebra initiated during the student's previous year of Algebra I, including concepts involving real numbers, linear and quadratic equations, and operations involving polynomials and irrational numbers. The exponential functions are studied along with rational and radical expressions and equations. Students formulate the systems of equations and inequalities from problem situations, use a variety of methods such as matrices to solve them and analyze the solutions in terms of situations. Students learn to form equations and inequalities based on square root functions, quadratic functions, polynomial functions, rational functions, logarithmic functions, exponential functions and use a variety of methods to solve them and analyze the solution in terms of the situations. Students would focus on the use of probability and statistical model, sequence and series as well as tools and technology to represent, analyze, and solve real-life problems.

Grade 10 Physical Education

Course Number: PHE1001 (1st Sem)

Course Number: PHE1002 (2nd Sem)

Prerequisite: G9 PE

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In grade 10, students will start to develop a repertoire of physical exercise and activity that they can continue into adulthood. Students will actively participate in units combining all of the activities covered in PE 8 and 9 and build on concepts learned in those grades.

Grade 10 Science (Biology)

Course Number: SCI1001 (1st Sem)

Course Number: SCI1002 (2nd Sem)

Prerequisite: G9 Physical Science & Earth Science

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Biology is the science of life and of living organisms, which involves the development and understanding of basic biological principles. It includes an introduction to the scientific method, cytology, genetics, biotechnology, botany, zoology, ecology, taxonomy, evolution, chemistry, microbiology and, health topics including body systems, reproduction, and HIV/AIDS

Students will study the characteristics of living things, the process of life from the simplest cell to the most complex animals. They will discover how information is passed from parent to offspring and how organisms have changed over the course of time, the dynamics of genetics and biotechnology. Investigate taxonomy and the relationships among living organisms, Comprehend the interdependence between organisms and their environment. Students will learn to recognize how the environment is responsible for the healthy development and survival of living things, and how we as the dominant species are responsible for the protection of the environment and the species that share our Earth.

Students will observe and model organisms representing the major groups of invertebrate and vertebrate animals, the processes of gamete production, fertilization, and development, the reactions, causes, and results of immune system function, understand the diversity, impact, and diseases of microorganisms. They will also exhibit an understanding of global conservation efforts, analyze the importance of plant life to human life.

Biology is a lab-oriented course, which emphasizes lab safety, the proper way to take measurements, and some laboratory techniques. Students will gain practical and useful knowledge to make their investigation and experimentation a successful experience.

Grade 10 Social Studies (Economics Principles and Practices)

Course Number: SOC1001 (1st Sem)

Course Number: SOC1002 (2nd Sem)

Prerequisite: G9 Social Studies

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course is presented to grade 10 students which explains the concepts that will enable them to better understand how a knowledge of economics affects them, their family, and the community today and in the future. The course addresses scarcity as the basic economic problem as one people or nation's face, explains basic economic systems to allocate goods and services, how the profit motive acts as an incentive for people to produce and sell goods and services, how buyers and sellers interacts on the markets, how government strives for a balance between the costs and balances of their policies, how economists look at a variety of factors to assess the growth and performance of a nation's economy, and how the labor market, like other markets is determined by supply and demand. The course will demonstrate how the study of economics helps us deal with global economic issues and global demand on resources.,

Grade 10 STEM 2-B

Course Number: STE1001 (1st Sem)

Course Number: STE1002 (2nd Sem)

Prerequisite: G9 STEM 2-A

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, student is introduced to the fundamental concept of engineering design which will be mainly emphasized on the understanding of Engineering Design Process as well as the knowledge of applied mathematics, science, and engineering standard. After a brief introduction of 3D modeling software, principle of engineering is presented. Special attention is given to the strength of structure, material, and automation. Next, design process documentation, collaboration, and presentation are presented. Lastly, the mechanisms of designing and producing engineering product are significantly denoted.

Grade 10 Thai Culture and Behavior

Course Number: THA1001 (1st Sem)

Course Number: THA1002 (2nd Sem)

Prerequisite: G9 Thai Culture & Behavior

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, the students will read various stories understandably by translating interpretations

and expanding their critical reading. Students will gain knowledge from the reading experience including knowledge from the various learning resources used in the development learning performance such as speaking and thinking. They will use the writing process to develop various writing stuff such as: writing essays, short notes, different types of notes, writing shows, opinions, writing invitations as well as reports, projects, articles and stories. To comment, analyze, and criticize whatever listening materials and rational viewing will be stressed as an important component. Furthermore, students will analyze composition of literary works and evaluate the literary value, social value, and actually use such in life. This course has two components: Thai Language Study and Thai Language Practicum.

Grade 10 Values Ed

Course Number: VAL1001 (1st Sem)

Course Number: VAL1002 (2nd Sem)

Prerequisite: G9 Values Ed

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Moral Values course is designed to provide students with factual knowledge of the biblical characters and their biographies of world religions' founders. This also introduces students to the life and teaching of Jesus Christ. Moreover, this course will help students to participate in a Service-Learning Project (community service) in which they are expected to interact significantly with people inside or outside CPIS campus by teaching, helping, serving, leading them. The required reading will help students to understand the chronology of God's plan working out in history from creation to the present. This integrated study includes discussion of worldview, history, anthropology, and philosophy.

Grade 10 Campus English Speaking

Course Number: CES 1001 (1st Sem)

Course Number: CES 1002 (2nd Sem)

Prerequisite: G9 Campus English Speaking

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This English Practicum is designed to motivate students to always speak English on campus during school hours. To create an environment of full English immersion is definitely a way that supports daily language enhancement. Practice is the bottom line for continual improvement in language proficiency level.

Grade 11 Course Descriptions

Grade 11 Arts (Visual Arts 11/Video & Computer Imaging)

Course Number: ART1101 (1st Sem)

Course Number: ART1102 (2nd Sem)

Prerequisite: G10 Photo 2

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

To build a knowledge base for the equipment's use, this course is designed to introduce the students to the following: video theory, relevant technological terminologies and applications, and video production with its creative and artistic dimensions. Furthermore, this course emphasizes videos editing and production so that students may be able to write and create artistic videos with video graphics, unique effects, plus other technological applications. Film styles may also be covered to inspire writing and taping.

Grade 11 Business (Business Statistic)

Course Number: BUS1101 (1st Sem)

Course Number: BUS1102 (2nd Sem)

Prerequisite: G10 Business

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, the student is introduced to the subject of business statistics to include the need for quantitative analysis in business and the basic procedures in problem solving. Basic probability concepts and normal probability distribution will be used to solve problems which involve business applications. In addition, sampling distributions and estimation are presented. Lastly, hypothesis testing and simple regression analysis are discussed in linear domain

Grade 11 Computer (Intro to I.T.)

Course Number: COM1101 (1st Sem)

Course Number: COM1102 (2nd Sem)

Prerequisite: G10 Computer

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course utilizes a practical and applied approach to Information Technology. It is designed to focus on less theory and more application to engage students to be more familiar with technology concepts. It is directed toward the "Tech-Savvy" generation that is at ease with digital technology, comfortable with smart phones, Facebook, Twitter, Wikipedia, and the blogosphere, but not always savvy about its processes, possibilities, and liabilities. Course topics include:

<ol style="list-style-type: none"> 1) Information Technology Milestones 2) The Internet and the WWW. 3) Software 4) Digital Communication
<p>Grade 11 English Language</p> <p>Course Number: ENG1101 (1st Sem)</p> <p>Course Number: ENG1102 (2nd Sem)</p> <p>Prerequisite: G10 English Language</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>Inasmuch as many of our students are Thais, Grade 11 English students will continue to develop their ability in English language conventions, vocabulary building, reading, writing, and speaking. Students will read some portions in American literature which includes novels, short fiction, essays, and poetry as well as Bible stories specifically found in the books of Luke and Exodus. In addition, students will engage in various discussions and debates to develop more their speaking skill, but writing will be given more emphasis. As a part of their requirement, students will write persuasive, narrative, and descriptive essays.</p>
<p>Grade 11 English Literature</p> <p>Course Number: ENG1103 (1st Sem)</p> <p>Course Number: ENG1104 (2nd Sem)</p> <p>Prerequisite: G10 English Literature</p> <p>Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand</p> <p>English Literature will focus on literary analysis with the aim of improving the students' reading comprehension, academic lexicon, written and spoken language accuracy and application, as well as their understanding of the use of literary devices such as alliteration, foreshadowing, and symbolism. Students will also learn strategies for planning and organizing discursive essays, in addition to editing, revision, and proper completion of analytical and argumentative papers. These assignments will be based on short stories, poetry, and sections from novels deemed appropriate for the students' level of comprehension. Oral presentations based on the same materials will be incorporated into the course to enhance organization, enunciation, and listening comprehension. Ultimately, students will not only be able to identify various literary styles and tools, but also able to implement them into their own work.</p>

Grade 11 Health Education

Course Number: HEA1101 (1st Sem)

Course Number: HEA1102 (2nd Sem)

Prerequisite: G10 Health Education

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course focuses on reviewing and applying the highlights and skills learned from the previous PE classes in order to perform the skills under the six 6 main standards of health education such as:

Nutrition and Physical Activity

- Raise awareness on issues regarding proper nutrition by giving lectures on what food to be taken to maintain good health
- Actively engage oneself to Physical Education Courses

Growth, Development, and Sexual Health

- Analyzing their own growth and development, make a timeline on how much they have changed from previous years up to present

Injury Prevention and Safety

- Prepare presentations and conduct lectures on how to provide first aid support guided by a trained professional
- Perform basic first aid support during minor injury guided by the trained professional

Alcohol, Tobacco, and Other Drugs

- Conduct research, surveys and study on alcohol, tobacco, and other drugs among different group of people (the diseases, advantages and disadvantages)

Mental, Emotional, and Social Health

- Participate in small group activities

Personal and Community Health

- Participate in providing health care support in the chosen communities

Grade 11 Math (Pre-Calculus)

Course Number: MAT1101 (1st Sem)

Course Number: MAT1102 (2nd Sem)

Prerequisite: G9 Geometry and G10 Algebra 2

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course continues the students' study of algebra and geometry point of view. Tools used for mathematical modeling such as linear relation and functions, system of linear equation and inequalities, and the Nonlinear graphs will be stressed. Topics include Relations and Functions and Their Graphs, the Family of Graphs, Trigonometric Functions and Graphs, Polar and Cartesian Coordinates and Complex Numbers. Trigonometric functions of angles, verify

trigonometric identities, trigonometric equations, and the graphs of trigonometric functions will be studied throughout trigonometric session which has application in construction, geography, physics, medical, navigation among other fields. Discrete mathematics deals with finite discontinuous quantities, defined in terms of sequence, algorithms, recursions, iterations etc. Students would be able to construct models, discover and use algorithm and examine new exciting concepts as they solve real world examples

Grade 11 Physical Education

Course Number: PHE1101 (1st Sem)

Course Number: PHE1102 (2nd Sem)

Prerequisite: G10 PE

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Grade 11 and 12 Physical Education and Health Education (PE/ HE) is compulsory and all students must complete the requirements of these courses in order to graduate.

The goal of this Physical Education/ Health Education course:

1. Take greater ownership of their physical fitness.
2. Promote the discovery of activities suited to their own individual interests.
3. Encourage active healthy lifestyles that persist into their futures.

Grade 11 Science (Chemistry)

Course Number: SCII101 (1st Sem)

Course Number: SCII102 (2nd Sem)

Prerequisite: G10 Algebra 2 and G10 Biology

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course tends to focus on the study of matter and the changes it undergoes. It is also a study of what happens when matter interacts with another matter. Furthermore, students will study on the properties of substances and the interactions between different types of matter, particularly reactions that involve physical and chemical change, the periodic table, reaction rates, stoichiometry, mixtures and solutions, acids and bases, hydrocarbons, chemistry of life, and nuclear chemistry. Understanding chemistry helps students understand the world around them. It shows the explanation of everyday things. Students can develop skills in performing lab-oriented activities related to the lesson.

Grade 11 Social Studies (Sociology)

Course Number: SOC1101 (1st Sem)

Course Number: SOC1102 (2nd Sem)

Prerequisite: G10 Social Studies

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Sociology will focus on the systematic study of social behavior and human groups. It centers on the influence of social relationships upon people's attitudes and behavior and on how societies are established and changed over time. This course covers basic sociological theory and analytical tools and shows their relationship to other behavioral science disciplines, such as anthropology and psychology. The aim is to furnish students with methodologies and knowledge of the study of critical social issues ranging in scope from family to global. The course will emphasize the recognition and implementation of a sociological imagination - the mindset that enables individuals to see the relationship between events in their personal lives and events in their society – in order to convey the significance of sociology in the students' lives, and how it can be utilized to enhance and improve their own plight in regards to academics, family, and their surroundings in general. The ultimate goal is also to provide students with the ability to think critically about social issues as a means to formulate their own individual opinions.

Grade 11 STEM 2-A

Course Number: STE1101 (1st Sem)

Course Number: STE1102 (2nd Sem)

Prerequisite: G10 STEM 1-B

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, student is introduced to the fundamental concept of software engineering and computer science which will be mainly emphasized on the understanding of Programming and AP computer science, computational skill, and the principle related to computer science as well as the knowledge of app development and visualization. After a brief discussion of simulation, cyber security concept is presented. Furthermore, core ideas of aerospace engineering is presented along with the sub contents from fundamental of atmospheric and space flight, physics of flight, designing of airfoil, propulsion, and rockets to the principle of orbital mechanic. Lastly, remotely operated vehicles under a topic of robotic system will be demonstrated and explained.

Grade 11 Thai Culture and Behavior

Course Number: THA1101 (1st Sem)

Course Number: THA1102 (2nd Sem)

Prerequisite: G10 Thai Culture & Behavior

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This subject integrates the various components of learning the Thai Language and Culture which includes reading aloud the prose text correctly as well as analyzing, interpreting, expanding, critiquing such with rubrics; writing short notes from various forms and content media; producing fiction writing; studying insights and notes for self-development; summarizing the ideas and expressed opinions from various sources; analyzing the concepts of language usage; and using the language appropriately and fluently. It stresses right and reasonable use of the Thai language. Furthermore, student will be exposed to some approaches in analyzing and criticizing literature according to the principles of preliminary criticism as well as analyzing the characteristics of the literature and the way of life in the past. It is also expected of students to explain the wisdom of the language and memorize the prayers as prescribed plus reading, writing, listening, watching and speaking used in everyday life. This course has two components: Thai Language Study and Thai Language Practicum.

Grade 11 Values Ed

Course Number: VAL1101 (1st Sem)

Course Number: VAL1102 (2nd Sem)

Prerequisite: G10 Values Ed

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Moral Values is designed to provide students with factual knowledge of the biblical characters and their biographies in-depth. This provides students with an introduction to principles of life, expresses the purpose of giving the facts upon which to make everyday decisions to solve life's complex problems which lead to the secret of success. This course is designed for students from Grade eleven to twelve, to study systematically the comparative world religions and multiculturalism. This course is conceived in detail about the importance of the following: the dynamics of personality development, talent development, and leadership skills in thoughtful application of its principles in personality transformation of the students.

Grade 11 Campus English Speaking

Course Number: CES 1101 (1st Sem)

Course Number: CES 1102 (2nd Sem)

Prerequisite: G10 Campus English Speaking

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This English Practicum is designed to motivate students to always speak English on campus during school hours. To create an environment of full English immersion is definitely a way that supports daily language enhancement. Practice is the bottom line for continual improvement in language proficiency level.

Grade 12 Course Descriptions

Grade 12 Digital Arts (4th-level)

Course Number: ART1201 (1st Sem)

Course Number: ART1202 (2nd Sem)

Prerequisite: G11 Digital Arts

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In every sense of the word, art takes many forms over a broad spectrum. Whether inspired by landscapes, portraits, or textures and colors, the creation of art is a result of the talent of the artist and the message delivered in a form of his or her artistic medium. Digital art is an artistic work or practice that uses digital technology as an essential part of the creative or presentation process. The children will be allowed to explore possibilities in life and learning, develop their motor, visual, and psychological, and thinking skills by encouraging them to become creative in all situations expressing their thoughts or acquired ideas into various basic mediums. This introductory course deals with controlling computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, animation, web design, digital camera use, and graphic design visual literacy. As students are introduced to the various fields in the digital arts, they will learn and apply the fundamentals of design with software applications, as well as study the language of art and the principals of design. Throughout the course we will examine both contemporary and historical Graphic Artists and their impacts on society and the art world. Projects coordinate technical skills with organization, management, communication, ethics and teamwork.

Grade 12 Business (Accounting)

Course Number: BUS1201 (1st Sem)

Course Number: BUS1202 (2nd Sem)

Prerequisite: G11 Business Statistic

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course is designed to introduce students to the various aspects of accounting such as the four fundamental financial statements plus their designs and analysis, ethical decision making, accosting career fields, the recording and classification of information, and the journal entries. Students are inspired to love numbers by stressing the value of accounting in any business and financial industries.

Grade 12 Computer (Intro to I.T. Concepts)

Course Number: COM1201 (1st Sem)

Course Number: COM1202 (2nd Sem)

Prerequisite: G11 Computer

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course aims to provide the students with the basis for understanding Information Technology concepts necessary for their academic success. It endeavors to provide students a basis for building the necessary skill set and to instill on them an appreciation for the effect of Information Technology on people and the environment. The key concepts are presented to the students through the demonstration of interesting applications added with practical tips that are relevant to their lives. Some topics covered:

- 1) The Internet and Electronic Commerce
- 2) Programming and Languages
- 3) Communications and Network
- 4) Systems Analysis and Design

Grade 12 English Language

Course Number: ENG1201 (1st Sem)

Course Number: ENG1202 (2nd Sem)

Prerequisite: G11 English Language

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

The focus of G12 English is Research Writing with an oral defense to be defended in the presence of the Oral Defense Committee. This is a part of the students' class requirement in order for them to graduate. As such, students will continue to exercise their reading, writing, and speaking skills. In addition, basic grammar and English language conventions will be reviewed much more that students will be required to teach some English classes to the lower grades. Students will also read some portions in contemporary literature including novels, short fiction, essays, and poetry as well as Bible stories specifically found in the books of Genesis, First Samuel, and Second Samuel. Listening and speaking strategies are emphasized during class discussions and oral presentations.

Grade 12 English Literature

Course Number: ENG1203 (1st Sem)

Course Number: ENG1204 (2nd Sem)

Prerequisite: G11 English Literature

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

English Literature will focus on students demonstrating speaking, listening, writing, reading, and research skills while studying nonfiction literature. Students will choose from a selection of classic novels to write an analytical essay about an individually selected piece of fictional literature. The course will instruct students on interpreting, analyzing and evaluating their chosen novel. Students will be shown how to organize their research results first into a discursive essay, and later an oral presentation. Students will also be taught how to identify and apply to Freytag's 5-part dramatic structure -- exposition, rising action, climax, fall, and resolution – with the class project culminating in a novelette in which each student will compose

Grade 12 Health Education

Course Number: HEA1201 (1st Sem)

Course Number: HEA1202 (2nd Sem)

Prerequisite: G11 Health Education

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This course focuses on reviewing and applying the highlights and skills learned from the previous PE classes in order to perform the skills under the six 6 main standards of health education such as:

Nutrition and Physical Activity

- Raise awareness on issues regarding proper nutrition by giving lectures on what food to be taken to maintain good health
- Actively engage oneself to Physical Education Courses

Growth, Development, and Sexual Health

- Analyzing their own growth and development, make a timeline on how much they have changed from previous years up to present

Injury Prevention and Safety

- Prepare presentations and conduct lectures on how to provide first aid support guided by a trained professional
- Perform basic first aid support during minor injury guided by the trained professional

Alcohol, Tobacco, and Other Drugs

- Conduct research, surveys and study on alcohol, tobacco, and other drugs among different group of people (the diseases, advantages and disadvantages)

Mental, Emotional, and Social Health

- Participate in small group activities

Personal and Community Health

- Participate in providing health care support in the chosen communities

Grade 12 Math (Calculus)

Course Number: MAT1201 (1st Sem)

Course Number: MAT1202 (2nd Sem)

Prerequisite: G11 Pre-Calculus and G10 Algebra 2

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

College calculus is the quantitative study of continuous change in preparation for advanced work in mathematics, science, or specialized business fields. Topics studied include analytic geometry, limits, continuity, the derivatives, and integrals of various functions with applications. Calculus is then applied to the trigonometric, logarithmic and exponential functions. The conic sections are also treated in detail. This course covers approximately the first semester of college calculus. When taught in high school, calculus should be presented with the same level of depth and rigor as are entry-level college and university calculus courses. Calculus is a widely applied area of mathematics and involves a beautiful intrinsic theory. Multiple representations of functions such as verbal, numerical, visual and algebraic are stressed which leads to review of standard functions including exponential and logarithmic functions. The concept of limit is motivated when tangent and velocity is discussed in detail. Differentiation of exponential function, logarithmic function, inverse trigonometric functions will be studied along with exponential growth and decay. Definite integral can serve solutions to area and distance problem. The goal is to divide a quantity into small pieces, estimate with Riemann's sum and recognize the limit as an integral. Students should be able to apply integration in the area of biology, economics, physics (hydrostatic force and center of mass) and probability.

Grade 12 Physical Education 2-B

Course Number: PHE1201 (1st Sem)

Course Number: PHE1202 (2nd Sem)

Prerequisite: G11 Physical Education 2-A

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Grade 11 and 12 Physical Education and Health Education (PE/ HE) is compulsory and all students must complete the requirements of these courses in order to graduate.

The goal of this Physical Education/ Health Education course:

1. Take greater ownership of their physical fitness.
2. Promote the discovery of activities suited to their own individual interests.
3. Encourage active healthy lifestyles that persist into their futures.

Grade 12 Science (Physics)

Course Number: SCI1201 (1st Sem)

Course Number: SCI1202 (2nd Sem)

Prerequisite: G11 Chemistry, G11 Pre-Calculus, & G10 Algebra 2

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Physics explores the laws of the universe, integrating concepts and observations with mathematical descriptions of phenomena. Topics include: the interaction of forces, motion, energy, electricity, magnetism, sound, and light. This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations, and will investigate electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Scientific literacy through reading and writing in science is emphasized. Students will also consider the impact on society and the environment of technological applications of physics. Scientific inquiry, experimental design, and analysis through laboratory work are integral parts of this course.

Grade 12 Social Studies (Psychology + Democracy)

Course Number: SOC1201 (1st Sem)

Course Number: SOC1202 (2nd Sem)

Prerequisite: G11 Social Studies

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Students in grade twelve will study psychology to have a wide understanding of human behavior, relationships, mental processes and the society. As a natural science, students will learn more about the complexities of human behavior, including the social and biological aspects. The Study of Psychology will help the students to cope with the challenges and issues of life. This study will give them confidence in handling life's problems and obstacles including ways to prevent or overcome drug addiction, alcohol, and broken relationships. Students will draw from the course material to gain insight into their life and the lives of people around them. Psychology provides students tools to help them gain insight into their own behavior, as well as their relationships with others. Students will also study democracy and explain the fundamental principles and moral values of American democracy as expressed in the U.S. Constitution and other essential documents of American democracy.

Grade 12 STEM 2-B

Course Number: STE1201 (1st Sem)

Course Number: STE1202 (2nd Sem)

Prerequisite: G11 STEM 2-A

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

In this course, student is introduced to the fundamental concept of engineering design which will be mainly emphasized on the understanding of Engineering Design Process as well as the knowledge of applied mathematics, science, and engineering standard. After a brief introduction of 3D modeling software, principle of engineering is presented. Special attention is given to the strength of structure, material, and automation. Next, design process documentation, collaboration, and presentation are presented. Lastly, the mechanisms of designing and producing engineering product are significantly denoted.

Grade 12 Thai Culture and Behavior

Course Number: THA1201 (1st Sem)

Course Number: THA1202 (2nd Sem)

Prerequisite: G11 Thai Culture & Behavior

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This subject is designed to expose students to the various components of learning the Thai language. These components may include the following: reading prose and verse aloud; writing communication in various formats; analyzing compiled language essays; studying notes from various learning sources; speaking the Thai language with sense. With the integrative approach, students will have the discretion to choose the topics vis-à-vis the basic strands that will be repeatedly emphasized such as listening, speaking, reading, and writing. In addition, emphasis will be given on the following: to describe the nature of the language, the power of language and the nature of the language as well as the elements of syllables and words; the use of the language during appropriate occasion; knowledge from the reading of publications, electronic media, and various learning sources for self-development. This includes producing excellent writing in various forms and speaking on various occasions; evaluating the use of language from print media and electronic media; analyzing the literary value of literature as well as bringing knowledge and ideas to solve problems in life. This course has two components: Thai Language Study and Thai Language Practicum.

Grade 12 Values Ed

Course Number: VAL1201 (1st Sem)

Course Number: VAL1202 (2nd Sem)

Prerequisite: G11 Values Ed

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

Moral Values is designed to provide students with factual knowledge of the biblical characters and their biographies in-depth. This provides students with an introduction to principles of life, expresses the purpose of giving the facts upon which to make everyday decisions to solve life's

complex problems which lead to the secret of success. This course is designed for students from Grade eleven to twelve, to study systematically the comparative world religions and multiculturalism. This course is conceived in detail about the importance of the following: the dynamics of personality development, talent development, and leadership skills in thoughtful application of its principles in personality transformation of the students.

Grade 12 Campus English Speaking

Course Number: CES 1201 (1st Sem)

Course Number: CES 1202 (2nd Sem)

Prerequisite: G11 Campus English Speaking

Offered at: CPIS, Kaeng Khoi, Saraburi, Thailand

This English Practicum is designed to motivate students to always speak English on campus during school hours. To create an environment of full English immersion is definitely a way that supports daily language enhancement. Practice is the bottom line for continual improvement in language proficiency level.

High School Electives & Co-curricular Course Descriptions from Grades 9-12

California Prep International School

SY 2019-2020

Note: Code will be added based on the grade level.

Language Electives
<p>Chinese 1</p> <p>This course is designed to help students learn the Chinese language (Mandarin) so that the students would be able to expand their horizons and grow more in their multicultural perspective. Emphasis will be given on the listening and conversational dimensions of the Mandarin language. It will also help students to improve their interpersonal skills by increasing their circle of friends and social life.</p>
<p>Spanish 1</p> <p>This subject offers students a general introduction of the Spanish language. Each lesson will focus on the pronunciation, vocabulary words applicable to everyday life and basic grammatical structures. The acquisition of basic level skills in listening, speaking, reading, and writing simple sentences will also be emphasized.</p>
Music Electives
<p>Piano 1 & 2</p> <p>This music course provides private piano instruction for beginner piano students. With 30-minute lesson, the course has the recitals component at the end of the semester with teacher-directed student evaluations. The piano teacher will designate the number of practice hours per week. Practice time is considered a must plus the parents' supervision if meaningful learning is expected.</p>
<p>Guitar 1 & 2</p> <p>The guitar course is designed to offer private instruction for beginner guitar students. With 30-minute lesson, the course includes the recitals component at the end of the semester with teacher-directed student evaluations. The guitar instructor will designate the number of practice hours per week. Practice time is non-negotiable plus the parents' supervision if meaningful learning is expected.</p>

Choir 1 & 2

This is designed to foster and promote music appreciation and enjoyment through performances with choir repertoire in various music festivals and special occasions. Rehearsals will be a great component which focus on the following: literacy in music, basic instrumental skills, music listening skills development, voice culture introduction, ensemble skills and aesthetic awareness.

Business Stream Electives

Intro to Management & Communication

This subject introduces students to the fundamentals concepts and insights of management and communication. Emphasis is given on management functions and communication techniques/strategies. Students will be challenged to continually improve their verbal and written competencies.

Youth Leadership

This course is designed to help students develop their leadership skills for capacity building as good and contributing citizens of society. Helping students to gain a thorough understanding of the leadership styles and theories will be given emphasis. Students will encounter challenging case studies to assist them in building their own situational leadership paradigm.

Intro to Organizational Behavior

This class will help students to explore the dominant leadership theories with the intention of developing a thorough understanding of the leadership styles. To gain understanding on the behavior of the individuals and groups in an organization will be given premium emphasis. Interesting topics may be covered such as motivation, conflicts, organizational culture, attitude, and power.

Intro to Organizational Development

This course is designed to introduce students to the concepts, theories, models, and strategies that may bring about organizational planned change in systematic manner. Topics of interest that may be cover are as follows: integrated program of planned change and system theory approach.

Other Elective

Chess 1 & 2

This applied subject is designed to help student develop concentration, focus, foresight, critical thinking, problem solving through the chess game. Joining a beginners' tournament is a component of this course with the purpose of gaining experience and certification. Other skills that may be built along the way are as follows: memory development, spatial recognition, advanced planning and calculation.

CPIS HIGH-SCHOOL COURSE OUTLINES
(On separate Folders upon request
for access or link)

MATH CO GRADES 9-12

ENGLISH CO GRADES 9-12

SCIENCE CO GRADES 9-12

SOCIAL STUDIES CO GRADES 9-12

CPIS HIGH SCHOOL TOP PRIORITY CURRICULUM STANDARDS

(On separate Folders upon request for access or link)

MATH PRIORITY STANDARDS GRADES 9-12

ENGLISH PRIORITY STANDARDS GRADES 9-12

SCIENCE PRIORITY STANDARDS GRADES 9-12

SOCIAL STUDIES PRIORITY STANDARDS GRADES 9-12

ADDENDUM
(FORMS)