



UTAH SYSTEM OF  
HIGHER EDUCATION

# MEMORANDUM

TAB C

September 18, 2020

## Credit by Examination

H.B. 45, *Higher Education Credit Amendments*, required the Utah Board of Higher Education to determine minimum scores and maximum credit that will be awarded for students who take Advanced Placement (AP), Credit for College-Level Examination Program (CLEP), and DSST (formerly known as the DAN TES Subject Standardized Tests) exams. While not required in statute, Commissioner's staff recommended the International Baccalaureate (IB) exams also be included. The task to review subject exams provided by these four testing bodies and to recommend cut scores and credit was given to the faculty major committees. These committees, 31 in total, met during the 2020 academic year and have made significant headway in determining recommendations for Board approval. In some cases, faculty needed to consider additional information from the testing bodies before making final determinations, but it is important to move forward with those that are ready (the vast majority of subject exams) so that institutions can begin now to award credit consistently throughout the System. Recommendations from the faculty major committees are attached to this memo.

### Commissioner's Recommendation

The Commissioner agrees with the staff recommendation for the Academic Education Committee to approve recommendations provided in the attached documents to move to the Board's General Consent Calendar and to consider and provide guidance on other matters where indicated on the attached documents.

### Attachments:

## Credit for Advanced Placement (AP)

The Commissioner and his staff recommend the Academic Education Committee approve the following items for inclusion on the General Consent Calendar.

<u>AP Courses and Exams</u>	<u>ACE Recommendations</u>	<u>Major Committee Recommendations</u>
<b>Arts</b>		
Music Theory	3 lower-division credits for score 3 6 lower-division credits for score 4-5	Score 3-4 = MUSC 1100 (1105 at USU) (3 credits)  Score 5 = MUSC 1110 (2-3 credits)
<b>English</b>		
English Language and Composition	6 lower-division credits for score 3-5	Score 3-5 = ENGL 1010 (3 credits)
English Literature and Composition	6 lower-division credits for score 3-5	Score 3-5 = ENGL 2200 (3 credits)
<b>History and Social Sciences</b>		
Comparative Government and Politics	3 lower-division credits for score 3-5	Score 3-5 = POLS 2200 (3 credits)
European History	6 lower-division credits for score 3-5	Score 3-5 = HIST 1110 (3 credits)
Human Geography	3 lower-division credits for score 3-5	Score 3-5 = GEOG 1400 (3 credits)
Macroeconomics	3 lower-division credits for score 3-5	Score 3-5 = ECON 2020 (1500 at USU) (3 credits)
Microeconomics	3 lower-division credits for score 3-5	Score 3-5 = ECON 2010 (3 credits)
Psychology	3 lower-division credits for score 3-5	Score 3-5 = PSY 1010 (3 credits)
United States Government and Politics	3 lower-division credits for score 3-5	Score 3-5 = POLS 1100 (3 credits)
United States History	6 lower-division credits for score 3-5	Score 3-5 = HIST 1700 (3 credits)
World History: Modern	6 lower-division credits for score 3-5	Score 3-5 = HIST 1510 (3 credits)
<b>Math and Computer Science</b>		
Calculus AB	4 lower-division credits for score 3-5	Score 3 = MATH 1050 + MATH 1060 (6 total credits)  Score 4-5 = MATH 1210 (6 credits)

Calculus BC	8 lower-division credits for score 3-5	Score 3 = MATH 1210 (6 credits) Score 4-5 = MATH 1210 + MATH 1220 (8 total credits)
Computer Science A	3-4 lower-division credits for score 3-5	Score 3-4 = CS 1400 (credits variable by institution) Score 5 = CS 1400 (if institution offers) + CS 1410 (total credits variable by institution)
Computer Science Principles		Score 3-5 = CS 1030 (3 credits)
Statistics	3 lower-division credits for score 3-5	Score 3-5 = Introductory statistics course with QL designation (3 credits)
<b>Sciences</b>		
Biology	8 lower-division credits for score 3-5	Score 3 = BIOL 1010 or equivalent (3 credits)  Score 4-5 = BIOL 1610 or equivalent (4 credits) or BIOL 1610 (3 credits) + 1 elective credit  Institutions for which BIOL 1610 is not GE course (USU) should award GE credit – No lab credit
Chemistry	8 lower-division credits for score 3-5	Score 3 = CHEM 1010 (3-4 credits) or CHEM 1100 (4 credits) – Satisfies chemistry prerequisite for CHEM 1210  Score 4 = CHEM 1010 (3-4 credits) or CHEM 1100 (4 credits) or CHEM 1210 (4 credits)  Score 5 = CHEM 1010 (3-4 credits) or CHEM 1100 (4 credits) or CHEM 1210

		(4 credits) or CHEM 1210 (4 credits) + CHEM 1220 (4 credits)  AP not accepted for medical school admission – Student should select course(s) depending on major – No lab credit
Environmental Science	4 lower-division credits for score 3-5	Score 3-5 = Appropriate course or elective credits variable by institution (not BIOL 1010) (3 credits) – No lab credit
Physics 1: Algebra-Based	4 lower-division credits for score 3-5	Score 3 = PHYS 1010 + PHYS 1015 (4 total credits) with PS designation Score 4-5 = PHYS 2010 + PHYS 2015 (5 total credits) with PS designation
Physics 2: Algebra-Based	4 lower-division credits for score 3-5	Score 3 = PHYS 1010 + PHYS 1015 (4 total credits) with PS designation Score 4-5 = PHYS 2020 + PHYS 2025 (5 total credits) with PS designation
Physics C: Electricity and Magnetism	4 lower-division credits for score 3-5	Score 3 = PHYS 1010 + PHYS 1015 (4 total credits) with PS designation Score 4-5 = PHYS 2220/2225 <i>or</i> PHSY 2020/2025 (5 total credits) – See Physics advisor for placement/credit
Physics C: Mechanics	4 lower-division credits for score 3-5	Score 3 = PHYS 1010 + PHYS 1015 (4 total credits) with PS designation Score 4-5 = PHYS 2210/2215 <i>or</i> PHYS 2010/2015 (5 total credits) – See Physics advisor for placement/credit
<b>World Languages and Cultures</b>		
Chinese Language and Culture	8 lower-division credits for score 3 12 lower-division credits for score 4 16 lower-division credits for score 5	Score 3 = CHIN 1010 + CHIN 1020 (total credits variable by institution)

		<p>Score 4 = CHIN 1010 + CHIN 1020 + CHIN 2010 (total credits variable by institution)</p> <p>Score 5 = CHIN 1010 + CHIN 1020 + CHIN 2010 + CHIN 2020 (total credits variable by institution)</p>
French Language and Culture	<p>6 lower-division credits for score 3</p> <p>9 lower-division credits for score 4</p> <p>12 lower-division credits for score 5</p>	<p>Score 3 = FREN 1010 + FREN 1020 (total credits variable by institution)</p> <p>Score 4 = FREN 1010 + FREN 1020 + FREN 2010 (total credits variable by institution)</p> <p>Score 5 = FREN 1010 + FREN 1020 + FREN 2010 + FREN 2020 (total credits variable by institution)</p>
German Language and Culture	<p>6 lower-division credits for score 3</p> <p>9 lower-division credits for score 4</p> <p>12 lower-division credits for score 5</p>	<p>Score 3 = GERM 1010 + GERM 1020 (total credits variable by institution)</p> <p>Score 4 = GERM 1010 + GERM 1020 + GERM 2010 (total credits variable by institution)</p> <p>Score 5 = GERM 1010 + GERM 1020 + GERM 2010 + GERM 2020 (total credits variable by institution)</p>
Italian Language and Culture	<p>8 lower-division credits for score 3</p> <p>12 lower-division credits for score 4</p> <p>16 lower-division credits for score 5</p>	<p>Score 3 = ITLN 1010 + ITLN 1020 (total credits variable by institution)</p> <p>Score 4 = ITLN 1010 + ITLN 1020 + ITLN 2010 (total credits variable by institution)</p> <p>Score 5 = ITLN 1010 + ITLN 1020 + ITLN 2010 + ITLN 2020 (total credits variable by institution)</p>
Japanese Language and Culture	<p>8 lower-division credits for score 3</p> <p>12 lower-division credits for score 4</p>	<p>Score 3 = JAPN 1010 + JAPN 1020 (total credits variable by institution)</p>

	16 lower-division credits for score 5	<p>Score 4 = JAPN 1010 + JAPN 1020 + JAPN 2010 (total credits variable by institution)</p> <p>Score 5 = JAPN 1010 + JAPN 1020 + JAPN 2010 + JAPN 2020 (total credits variable by institution)</p>
Spanish Language and Culture	<p>6 lower-division credits for score 3</p> <p>9 lower-division credits for score 4</p> <p>12 lower-division credits for score 5</p>	<p>Score 3 = SPAN 1010 + SPAN 1020 (total credits variable by institution)</p> <p>Score 4 = SPAN 1010 + SPAN 1020 + SPAN 2010 (total credits variable by institution)</p> <p>Score 5 = SPAN 1010 + SPAN 1020 + SPAN 2010 + SPAN 2020 (total credits variable by institution)</p>

## Credit for College-Level Examination Program (CLEP)

The Commissioner and his staff recommend the Academic Education Committee approve the following items for inclusion on the General Consent Calendar.

<u>CLEP Exams</u>	<u>ACE Recommendations</u>	<u>Major Committee Recommendations</u>
	<b>Business</b>	
Financial Accounting	3 lower-division credits for score 50+	Score 50+ = 3 credits ACCT 2010 at DSU, SLCC, Snow, UVU, WSU; Exceptions-no credit: UU, USU, SUU no equivalency
Information Systems	3 lower-division credits for score 50+	Business recommends no credit- No system-wide course equivalency
Introductory Business Law	3 lower-division credits for score 50+	Score 50+ = 3 credits SLCC MGT 2050, Snow BUS 2050, UVU LEGL 3000, Elective credit WSU; USU (score 62+) MGT 2050; Exceptions-no credit: SUU, UU no equivalency
Principles of Management	3 lower-division credits for score 50+	Score of 50+ = SLCC MGT 1600, Snow BUS 2650; Elective credit: DSU, WSU; Exceptions-no credit: SUU, UU, USU, UVU no equivalency
Principles of Marketing	3 lower-division credits for score 50+	Score of 50+ = 3 credits SLCC MKTG 1030, Elective credit DSU, WSU, USU (score 62+) MSLE 3500; Exceptions-no credit: Snow, SUU, UU, UVU no equivalency
	<b>Composition and Literature</b>	
American Literature	3 lower-division credits for score 50+	Score 50+ = ENGL 2200 (3 credits)
Analyzing and Interpreting Literature	3 lower-division credits for score 50+	Score 50+ = ENGL 2200 (3 credits)
College Composition	6 lower-division credits for score 50+	Score 50+ = ENGL 1010 (3 credits)
College Composition Modular	3 lower-division credits for score 50+	English recommends no credit due to lack of writing samples on exam

English Literature	3 lower-division credits for score 50+	Score 50+ = ENGL 2200 (3 credits)
<b>History and Social Sciences</b>		
American Government	3 lower-division credits for score 50+	Score 50+ = POLS 1100 (3 credits)
History of the United States I	3 lower-division credits for score 50+	Score 50+ = HIST 2700 (3 credits)
History of the United States II	3 lower-division credits for score 50+	Score 50+ = HIST 2710 (3 credits)
Human Growth and Development	3 lower-division credits for score 50+	Score 50+ = Family Studies 1500 or PSY 1100 (3 credits)
Introductory Psychology	3 lower-division credits for score 50+	Score 50+ = PSY 1010 (3 credits)
Principles of Macroeconomics	3 lower-division credits for score 50+	Score 50+ = ECON 2020 (1500 at USU) (3 credits)
Principles of Microeconomics	3 lower-division credits for score 50+	Score 50+ = ECON 2010 (3 credits)
Social Sciences and History	6 lower-division credits for score 50+	History recommends no credit-no course equivalency, does not articulate to history major
Western Civilization I	3 lower-division credits for score 50+	Score 50+ = HIST 1100 (3 credits)
Western Civilization II	3 lower-division credits for score 50+	Score 50+ = HIST 1110 (3 credits)
<b>Science</b>		
Biology	6 lower-division credits for score 50+	Score 50+ = BIOL 1010 or equivalent (3 credits) – No lab credit
Chemistry	6 lower-division credits for score 50+	Score 50+ = CHEM 1010 (3 credits) – Satisfies chemistry prerequisite for CHEM 1210



## DSST (formerly known as DANTES Subject Standardized Tests)

The Commissioner and his staff recommend the Academic Education Committee approve the following items for inclusion on the General Consent Calendar.

<u>DSST Exams</u>	<u>ACE Recommendations</u>	<u>Major Committee Recommendations</u>
<b>Business</b>		
Business Ethics and Society	3 lower-division credits for score 400+	Score 400+ = 3 credits; SLCC BUS 1040; DSU, WSU elective credit; Exceptions-no credit: Snow, SUU, UU, USU, UVU no equivalency
Business Mathematics	3 lower-division credits for score 400+	Score 400+ = 3 credits; UVU ACC 1150; DSU, USU, WSU elective credit; Exceptions-no credit: Snow, SUU, UU no equivalency
Human Resource Management	3 lower-division credits for score 400+	Score 400+ = 3 credits; SLCC MGT 2070, UVU HR 3430; DSU, WSU elective credit; Exceptions-no credit: Snow, SUU, UU, USU no equivalency
Introduction to Business	3 lower-division credits for score 400+	Score 400+ = 3 credits; DSU, SLCC, Snow, BUS 1010; UVU MGMT 1010; WSU BDAS 1010; Exceptions-no credit: SUU, UU, USU no equivalency
Computing and Information Technology	3 lower-division credits for score 400+	Reviewed by Computer Science, recommend no credit due to non-alignment with existing courses.
Management Information Systems	3 lower-division credits for score 400+	Score 400+ = 3 credits; DSU ASA 2050 or waiver, SLCC CISS 1020, UVU INFO 3120; elective credit WSU; Exceptions-no credit: Snow, SUU, UU, USU no equivalency
Money and Banking	3 upper-division credits for score 400+	Score 400+ = 3 elective credits at DSU; Exceptions-no credit:

		SLCC, Snow, SUU, UU, USU, UVU, WSU no equivalency
Organizational Behavior	3 lower-division credits for score 400+	Score 400+ = 3 credits; UVU MGMT 3000; DSU, WSU elective credit; Exceptions-no credit: SLCC, Snow, SUU, UU, USU no equivalency
Personal Finance	3 lower-division credits for score 400+	Score 400+ = 3 credits; DSU FIN 1750, SLCC FIN 1050, Snow BUS 1210, SUU FIN 2780, UU FIN 1200, UVU FIN 1600, WSU Fin 1010; Exception-no credit: USU no equivalency
Principles of Finance	3 lower-division credits for score 400+	Score 400+ = 3 credits; UVU FIN 3100; DSU, WSU elective credit; Exceptions-no credit: SLCC, Snow, SUU, UU, USU no equivalency
Principles of Supervision	3 lower-division credits for score 400+	Score 400+ = 3 credits; DSU, WSU elective credit; Exceptions-no credit: SLCC Snow, SUU, UU, USU, UVU no equivalency
<b>Humanities</b>		
Ethics in America	3 lower-division credits for score 400+	Philosophy recommends no credit awarded due to no writing requirement on test
Principles of Public Speaking	3 lower-division credits for score 400+	Communication recommends no credit awarded due to limited speech demonstrations
<b>Physical Sciences</b>		
Astronomy	3 lower-division credits for score 400+	Score 400+ = PHYS 1040 or 1050 or 1060 with PS designation (3 credits)
Introduction to Geology	3 lower-division credits for score 400+	Score 400+ = GEO 1010 (GEO 1XXX PS at WSU) (3 credits)
<b>Social Sciences</b>		
A History of the Vietnam War	3 lower-division credits for score 400+	Score 400+ = HIST 1XXX (3 credits)
The Civil War and Reconstruction	3 lower-division credits for score 400+	Score 400+ = HIST 1XXX (3 credits)
Criminal Justice	3 lower-division credits for score 400+	Score 400+ = CJ 1XXX (3 credits)
Foundations of Education	3 lower-division credits for score 400+	Elementary Education recommends no credit due to lack of field component.

Fundamentals of Counseling	3 lower-division credits for score 400+	Psychology recommends no credit due to non-alignment with existing courses.
General Anthropology	3 lower-division credits for score 400+	Score 400+ = ANTH 1000 or 1010 (3 credits)
Introduction to Geography	3 lower-division credits for score 400+	Score 400+ = GEOG 1300
Introduction to Law Enforcement	3 lower-division credits for score 400+	Score 400+ = CJ 1XXX (3 credits)
Lifespan Developmental Psychology	3 lower-division credits for score 400+	Score 400+ = Family Studies 1500 or PSY 1100 (3 credits)
History of the Soviet Union	3 upper-division credits for score 400+	Score 400+ = HIST 1XXX (3 credits)
<b>Technology</b>		
Ethics in Technology	3 lower-division credits for score 400+	Computer Science recommends no credit due to non-alignment with existing courses.
Fundamentals of Cybersecurity	3 upper-division credits for score 400+	Computer Science recommends no credit due to non-alignment with existing courses.

## Credit for International Baccalaureate (IB)

The Commissioner and his staff recommend the Academic Education Committee approve the following items for inclusion on the General Consent Calendar.

<u>IB Curriculum IB Subject Briefs</u>	<u>Major Committee Recommendations</u>
<b>Arts</b>	
Dance—Standard Level	Score 5+ = DANC 1010 (3 credits)
Dance—Higher Level	Score 5+ = DANC 1010 (3 credits) + 3 elective DANC credits determined by institution based on student's experience
Film—Standard Level	Score 5+ = THEA 1023 (3 credits)
Film—Higher Level	Score 5+ = THEA 1023 (3 credits) + 2 credits in film production to be determined in consultation with appropriate departments
Music—Standard Level	Music recommends no credit for the standard level
Music—Higher Level	Score 5+ = MUSC 1010 (3 credits)
Theatre—Standard Level	Score 5+ = THEA 1013 (3 credits)
Theatre—Higher Level	Score 5+ = THEA 1013 (3 credits) + THEA 1XXX (2 credits)
<b>Individuals and Society</b>	
Business Management—Standard Level	Score 5+ = 3 credits at DSU (BUS 1010); 8 credits at Snow (BUS 1010, BUS 2650 and 2 elective credits); 3 elective credits at UVU; No credit at SLCC, SUU, UU, USU, and WSU
Business Management—Higher Level	Score of 5+ = 6 credits at DSU (BUS 1010 and 3 elective credits); 8 credits at SLCC (MGT 1600, MKTG 1030 and 2 elective credits); 8 credits at Snow (BUS 1010, BUS 2650 and 2 elective credits); 8 elective credits at UU, 6 elective credits at SUU; 6 credits at UVU (BUS 1010 and 3 elective credits); 8 credits at WSU (BSAD 1010 and 5 elective credits); No credit at SUU
Economics—Standard Level	Economics recommends no credit for the standard level
Economics—Higher Level	Score 5+ = ECON 2010 + ECON 2020 (1500 at USU) (6 total credits)
Geography—Standard Level	Score 5+ = GEOG 1300 (3 credits)

Geography—Higher Level	Score 5+ = GEOG 1000 (3 credits) + GEOG 1300 (3 credits)
History—Higher Level	Score 5+ on US History = HIST 1700 (3 credits)
Information Technology in a Global Society—Standard Level	Offer Computer Science PLA opportunity by institution, potential challenge exam
Information Technology in a Global Society—Higher Level	Offer Computer Science PLA opportunity by institution, potential challenge exam
Psychology—Standard Level	Score 5+ = PSY 1010 (3 credits)
Psychology—Higher Level	Score 5+ = PSY 1010 (3 credits) + 3 lower-division PSY elective credits
Social and Cultural Anthropology—Standard Level	Score 5+ = ANTH 1000 or 1010 (3 credits)
Social and Cultural Anthropology—Higher Level	Score 5+ = ANTH 1010 or 1010 (3 credits) + ANTH 1XXX (3 credits)
<b>Mathematics</b>	
Further Mathematics—Higher Level	Score 5+ = MATH 1210 QL (4-5 credits) + MATH 1XXX (1-2 credits)
Mathematics—Standard Level	Score 5+ = MATH 1050 QL (4 credits)
Mathematics—Higher Level	Score 5+ = MATH 1210 QL (4-5 credits) + MATH 1XXX (1-2 credits)
<b>Sciences</b>	
Biology—Standard Level	Score 5+ = BIOL 1010 or equivalent (3 credits) – No lab credit
Biology—Higher Level	Score 5+ = BIOL 1610 (4 credits) or BIOL 1610 (3 credits) + 1 elective credit – Institutions for which BIOL 1610 is not GE course (USU) should award GE credit – No lab credit
Chemistry—Standard Level	Chemistry recommends no credit for the standard level
Chemistry—Higher Level	Score 5+ = CHEM 1010 (3 credits)
Computer Science—Standard Level	Score 5+ = CS 1030 (3 credits)
Computer Science—Higher Level	Offer PLA opportunity by institution, potential challenge exam
Physics—Standard Level	Score 5+ = PHYS 1010 with PS designation (3 credits)
Physics—Higher Level	PS designation, see Physics advisor for placement/credit