

AACE TASK FORCE FINDINGS: AP CALCULUS AB

Category	#	Descriptor	AP Calculus AB
CONTENT	1	Presents content related to broad issues, themes or problems	3
CONTENT	2	Integrates multiple disciplines	3
CONTENT	3	Presents comprehensive, related, and mutually reinforcing experiences	3
CONTENT	4	Allows for in-depth learning of a self-selected topic	1
CONTENT	5	Addresses dilemmas, controversies, biases, and ethical questions involved in the discipline	1
CONTENT	6	Addresses "unanswered questions" or issues still not understood about this discipline	1
CONTENT	7	Requires students to formulate questions, predict and hypothesize about these questions, and then judge the credibility of these explanations	3
CONTENT	8	Fosters connection between content and potential career fields and/or leadership opportunities	2
CONTENT	9	Offers opportunities for students to engage in activities aligned with students' individual strengths, preferences or interests	1
CONTENT	10	Pulls information from varied resources and media (such as texts, books, articles, and primary source material)	2
CONTENT	11	Allows for the acceleration of content in an area of strength	1
CONTENT	12	Integrates fine arts with content learning	1
CONTENT	13	Accelerates learning of basic skills through complex presentation	3
CONTENT	14	Links emotion and experience to learning	2
AVERAGE			1.9
Category		Descriptor	AP Calculus AB
PROCESS	1	Develops independent or self-directed study skills	1
PROCESS	2	Focuses on open-ended tasks	1
PROCESS	3	Integrates basic skills with higher-level thinking skills	3
PROCESS	4	Develops complex, abstract, and/or higher order thinking skills	3
PROCESS	5	Develops a research-oriented model for acquiring and synthesizing information	2
PROCESS	6	Encourages the acquisition of skills, methodologies, and dispositions of professionals practicing in the field	2
PROCESS	7	Offers an array of learning opportunities that include whole-class, small-group, and individual instruction and activities	2

PROCESS	8	Offers out-of-school learning options	1
PROCESS	9	Offers assignments that include visual and verbal components	3
PROCESS	10	Uses graphic organizers to develop concepts	1
AVERAGE			1.9
Category		Descriptor	AP Calculus AB
PRODUCT	1	Develops products that challenge existing ideas and produce "new" ideas	1
PRODUCT	2	Develops products that use new techniques, materials, and forms	1
PRODUCT	3	Evaluates student outcomes through self-appraisal, criterion-referenced, and/or standardized instruments	2
PRODUCT	4	Develops products related to real-world applications or problem solving	2
PRODUCT	5	Offers opportunities for students to interact with role models, community resources, or professionals in the field	1
PRODUCT	6	Offers opportunities for in-class projects and homework	2
AVERAGE			1.5
Category		Descriptor	AP Calculus AB
AFFECT	1	Encourages the development of self-understanding	1
AFFECT	2	Encourages growth and change in the student's abilities and personal outlooks	1
AFFECT	3	Includes mentors/tutors who share common interests and talents with students	1
AVERAGE			1.0

If you are interested in receiving a copy of the *AACE Task Force Full Findings and Examples*, please email Samantha Munoz at samantha.munoz@esc13.txed.net with the following information:

Teacher name
District
Campus
Grade level
AP Course

You will then receive a complete version of the Full Findings and Examples for your review. Only the recipient may make a copy, as this document is not to be disseminated.

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