Grading Checklist Learning Assessment #7 – Maps & Structures

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Learning assessments are graded using a checklist-style rubric. The purpose of the checklist is to clearly and concisely show students where they lost marks on the assignment and why. When students are reviewing their work they initially focus on the areas they got incorrect as identified on the checklist.

The checklists also help to ensure that grading is transparent to the students. They help maintain consistency amongst graders, which may be a challenge in large courses with multiple instructors/teaching assistants marking the same assignment.

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	ING ASSESSMENT #7 (MAPS & STRUCTURES) GRADING CHECKLIST
	oss-section – Fault Solution (9 pts) e extended ABOVE & BELOW ground to the fault plane drawn (note: units should not extend
	e fault plane)
	pping fault (~ 70°) is drawn between outcrops
banging	wall is labelled
footwall	is labelled
arrows	show movement of both hangingwall and footwall
fault is	correctly named
 layers L	m, Ss and Sh are correctly drawn on hangingwall side
layers L	m, Ss and Sh are correctly drawn on footwall side
principle	e (or maximum) stress directions drawn consistent with type of fault
- No	rmal fault should have principle stress arrow pointing downward from the air towards the
cer	itre of the Earth
- Re	verse fault should have horizontal arrows pointing towards the fault plane
Part 2: Ma	p and Legend (11 pts)
	one strike and dip symbol is drawn for units on footwall side
	one strike and dip symbol for units on hangingwall side
	s are fully extended across the entire map area to the edge of the map boundaries
	orientations of geologic contacts between units are drawn (with correct strike direction)
	ntacts should be drawn in a north-south orientation
	n drawn on outcrops
	should bend towards the west side of the map
layers L	m, Ss and Sh are correctly labelled on the map
fault tra	ce is drawn on map
fault tra	ce is given proper map symbol
	its on legend is correctly labelled in order
	c symbols are indicated in legend (strike and dip, geologic contact, fault trace)
cross-s	ection and map are consistent
	oss-section – Fold Solution (9 pts)
	e extended above and below ground
	is properly drawn to connect outcrops (2 pts)
anticline	
	e is labelled
	ane for anticline is drawn correctly
	tical if upright folds
	ping towards east if asymmetric and/or overturned folds
	ane for syncline is drawn correctly
	tical if upright folds
	ping towards the east if asymmetric and overturned folds
	ones are identified / labelled
	e stress directions drawn
	rizontal arrows pointing towards the fault plane
	f fold (describing their geometry) is given (see answer key)

Total (/29): _____

LAST NAME: _____ | FIRST NAME: _____ | ID: _____

Explanations for Areas of Misunderstanding

Area of Misunderstanding	Explanation
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