



2021-2022 Academic Year Scholarship Program

Scholarship Program Scoring Guidelines

When evaluating applications, it is important for the judges to make note of the year the student is entering the engineering or land surveying program—junior, senior, fifth, or Master’s. It is only fair that work experience and college activities be weighted so that sophomores entering their junior year are not penalized for lack of opportunity to become involved in activities that older students have had more time for. An applicant can deserve all or portion of the points available in each area. Judges’ scores are averaged to develop one score for each criterion.

I. Cumulative Grade Point Average: 20 Points Maximum

- A. Determine cumulative GPA using transcripts. Some schools list cumulative GPA. Others list only quarterly/semester GPAs.

If there are no cumulative GPAs, determine by assigning points for each course unit: A = 4pts, B = 3 pts, C = 2 pts (Example: An A is a 3-unit course = 12 grade points) Divide total number of grade points by total number of units.

Some schools do not use a 4-point scale, the basis for ACEC scoring. If so, first convert school GPA to a 4-point maximum scale.

- B. For Bachelor’s (Undergraduate) Candidates: Multiply cumulative GPA by 5
Cumulative GPA (on 4-pt scale) _____ # X 5 = _____ points.
- C. For Master’s Candidates:
1. Add cumulative GPA for Bachelor’s (A) and Master’s (B) degrees. 2. Divide by 2.
3. Multiply by 5.

Equation:

$$\frac{A+B}{2} \times 5 = \text{_____ points}$$

II. Essay: 25 Points Maximum

- A. Score up to six points for writing the essay.
- B. Score up to three points for neatness, good English and proper spelling.
- C. Score up to seven points if applicant indicates knowledge of what a consulting engineer or land surveyor is and does. In other words, does the applicant know the definition of “consulting engineer or land surveyor?”
- D. Score up to seven points for an unusual or unique idea or some unusual or “catchy” feature.
- E. Score up to two points if applicant indicates an understanding that consulting engineers or land surveyors work with people (clients, employees, the public, etc.); are administrators; service clients; and use their talents, experience, and knowledge to develop the best engineering project possible.



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III. Work Experience: 27 Points Maximum

- A. Score up to twelve points for any employment during the *last three years* prior to the date of completion of the application. The work experience should include any jobs held during high school and/or college if within the designated three year period.
- B. Score five additional points if work experience was in any way involved with the building industry, industrial work, general engineering-type practice, public agencies, etc.
- C. Score five additional points if employment was in the consulting engineering or land surveying field. Intent is to encourage potential future consulting engineers or land surveyors.
- D. Score five additional points for any part-time work, work study or practicum while attending for-credit classes. (Such students usually do not have time for extracurricular activities.)

IV. Recommendation: 15 points Maximum

- A. Using the recommendation form, add the total number of rating points.
- B. Divide total number of rating points (A) by total possible points (B), where B = 40.
- C. Multiply by 11.
- D. Score up to two points for answer to “why will the student be a good engineer” (D).
- E. Score two additional points if the recommendation is from a consulting engineer or land surveyor (E).

Equation:

$$\frac{[\text{ }/40]}{(A) (B)} \times \frac{11}{(C)} = \frac{\text{ } (D)}{\text{ } (E)} = \text{ } (E)$$

V. Extracurricular College Activities: 13 Points Maximum

- A. Student Organizations: 4 points maximum
Score two points for membership in an engineering related organization.
Score one additional point for membership in a second organization.
Score one additional point if student is an officer in an organization, or a member of three or more organizations.
- B. Community Activities: 4 points maximum
Score two points for any community activity or community organization membership. Score two additional points for more than one activity or membership.
- C. Organized Athletics and/or Musical Activities: 2 points maximum
Score one point for any organized athletic or musical activity.
Score one additional point for more than one organized athletic and/or musical activity.
- D. Other: 3 points maximum

Score up to three additional points for activities totaling more than the above number; for leadership positions held; any academic, athletic or musical awards; any additional or multiple church activities, youth organizations, or other type of activity that is felt deserving of *additional points*.



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ACEC/MW Student Scholarship Scoring Sheet

Student's Name: _____

	Maximum Score	Total
I. College Grades (Cumulative GPA)	20 pts	
II. Essay	25 pts	
III. Work Experience	27 pts	
IV. Recommendation	15 pts	
V. Extracurricular Activities	(13 pts)	
A. Student Organizations	4 pts	
B. Community Activities	4 pts	
C. Organized Athletics and/or Music	2 pts	
D. Other	3 pts	
	Overall Total	

Comments:
