



# STATE OF CONNECTICUT

BOARD OF TRUSTEES

FOR THE STATE COLLEGES

1280 ASYLUM AVENUE HARTFORD, CONNECTICUT 06105

## RESOLUTION

concerning

Establishment of a Position

at

Western Connecticut State College

May 4, 1973

WHEREAS, a new campus is to be built for Western Connecticut State College at Danbury,

BE IT RESOLVED, That the Board of Trustees for the State Colleges of Connecticut, acting under authority of Section 10-109b of the General Statutes, hereby authorizes for Western Connecticut State College establishment of the following unclassified position, effective immediately;

Facilities Engineer I - SG 27  
Facilities Engineer II - SG 28  
Facilities Engineer III - SG 29

\* \* \*

Assistant to Director of Research (Resident Engineer) I SG 27  
II SG 28  
III SG 29

*for  
conferencing  
see  
UCSC  
1-4*

Because of the need to coordinate the educational and operating requirements of the College with the construction design and field conditions as the new campus is being designed, constructed, maintained, and expanded, it is important to have a person with the technical and experience background of a field engineer to work with the Research Director's knowledge of program and projected objectives so that buildings are not just built but constructed so as to be optimally efficient in light of purposeful occupancy.

The Engineer:

Needs to have an ability to cooperate with the Director of Research; adjust to the office and state systems; understand his level of decision-making; see the interrelatedness of the various contracts, designs, and educational requirements of the new construction and existing facilities; handle field decisions and personnel decisively; withstand political, financial, personal, and other pressures from Public Works, contractors, engineers, architects, suppliers, and staff.

Must have at least one degree in engineering (preferably in building construction) and enough years of field experience in construction to not only relate design to construction but also to the construction workers.

Should have some experience as a faculty member and ability at setting up data for computer programmers.

Must have skill at both written and graphic reporting.

Must have the ability to understand governmental (State and Federal) forms, directives, and specifications.

Must be able to use references in estimating costs and values of alternate methods and materials.

Should have some experience with school building maintenance and renovation.

Should also have road and landscape experience.

Must assist professional and classified staff in specifying equipment and locations for both new design and operations.

Must be able to relate the bid documents and shop drawings of the various trades for conflicts, deficiencies, and inaccuracies in light of program

(educational and maintenance) requirements and trade practice.

Must be able to keep clear and complete field diaries.

Must keep data filed in accurate, retrievable form.

Must be able to keep his own and clerical tasks in priority order and organized for periods of absence so that others can carry on the work.

Must provide the Director of Research a verbal review of progress at least weekly using graphic and other aids as necessary.

Must be able to consult with the Purchasing Agent on contracts and equipment specifications, the Director of Buildings and Grounds on maintenance problems and programming, and the Dean of Administrative Affairs on cost projections as well as assisting the Director of Research.

Must review all designs whether emanating from architects, engineers, Public Works, bidders, servicemen, Office of Research, or maintenance.

Minimum Requirements:

Must have a Masters Degree or equivalent certifications.

Either Masters or Bachelors to be in engineering -- preferably construction engineering.

Must have a professional engineer's license.

Must have 5 years minimum experience in field engineering (as versus office or design engineering).

Should have 2 years minimum experience as a faculty member or in a university planning office.

Must have construction experience (possibly obtained before becoming an engineer and sufficient to understand the construction worker's and contractor's point of view).

Western Connecticut State College  
7/7/72

INTERDEPARTMENT MESSAGE

STO-201 6-72

SAVE TIME: Handwritten messages are acceptable.

Use carbon if you really need a copy. If typewritten, ignore faint lines.

TO	Board of Trustees for State Colleges	AGENCY	DATE May 25, 1973
FROM	H. J. Deffley	AGENCY Personnel	TELEPHONE
SUBJECT	New Classes		

The following three New Classes have been added to the Compensation Plan:

<u>Code</u>	<u>S.G.</u>	<u>Class</u>
7896	27	State College Facilities Engineer I
7897	28	State College Facilities Engineer II
7898	29	State College Facilities Engineer III

All the above effective May 4, 1973.

cc: Western Connecticut State College  
 Commission for Higher Education