

**REVENUE: No revenue impact**

**FISCAL: No fiscal impact**

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<b>Action:</b>	Do Pass
<b>Vote:</b>	6 - 0 - 0
<b>Yeas:</b>	Edwards, Girod, Monroe, Starr, Thomsen, Beyer
<b>Nays:</b>	0
<b>Exc.:</b>	0
<b>Prepared By:</b>	Patrick Brennan, Administrator
<b>Meeting Dates:</b>	2/5

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**WHAT THE MEASURE DOES:** Allows an applicant enrolled in the final year of a curriculum approved by the State Board of Examiners for Engineering and Land Surveying to take the fundamentals of engineering examination or the fundamentals of land surveying examination as applicable. Requires applicant to furnish the Board with proof of successful completion of the curriculum. Allows the Board to administer computer-based examinations. Authorizes the Board to consider the education of an applicant for licensing as a land supervisor as a relevant factor in lieu of a degree. Changes title of Board secretary to Board administrator.

**ISSUES DISCUSSED:**

- Current statutory time frames don't work well with today's college students

**EFFECT OF COMMITTEE AMENDMENT:** No amendment.

**BACKGROUND:** The Oregon State Board of Examiners for Engineering and Land Surveying (OSBEELS), established in 1919, is the state's regulatory agency for those practicing engineering, land surveying, photogrammetric mapping and water right examination. OSBEELS oversees examinations for certification and registration to ensure that only qualified individuals are licensed to operate in those fields in the state. The Board was granted semi-independent status in 1997 on a pilot basis, which became permanent in 1999 with the passage of Senate Bill 1127.

The Fundamentals of Engineering (FE) Examination is the first step in obtaining a license to practice as a professional engineer, as it is a prerequisite to being eligible to take the Professional Engineering (PE) Examination. The FE Exam is an eight-hour test split into two sections. The morning section encompasses general questions in engineering statistics, economics, electricity and magnetism, chemistry, ethics, fluid mechanics, strength of materials, thermodynamics, mathematics, statistics and dynamics, computers and metal properties. The afternoon section of the exam may be a discipline-specific test or a general engineering test.

Senate Bill 208 specifies that college students currently in their final year of an OSBEELS-approved curriculum in engineering may receive a waiver to allow them to take the Fundamentals of Engineering examination, or students in their final year of an OSBEELS-approved curriculum in land surveying, to receive a waiver to take the Fundamentals of Land Surveying examination. A student receiving such a waiver who fails to provide the Board with transcripts verifying completion of the approved curriculum would be considered to have vacated any passing grade they earn on the exam.