

## Professional Engineer Licensure Request for Board Evaluation of Transcript Related Science

Section 34-11-4 (1)a.3 and (2)b.2 of the Licensure Law provides for certification and licensure of graduates of four year related science programs before December 31, 2005, and not thereafter. Rule 330-X-5-.01(1)(d) of the Administrative Code provides that the term "graduate of related science curriculum" shall mean a graduate of a four year physics, mathematics, or other program which the Board may determine is related to engineering from a school or college which has been accredited by a regional accreditation commission.

In order for the Board to accept a degree under the above sections of the Law and Administrative Code, certain course work must have been completed which includes one year **(32 semester hours or 48 quarter hours)** of an appropriate combination of **Mathematics** and **Basic Sciences** which must meet the criteria shown on pages two and three.

If you wish to have your transcript evaluated to determine if you qualify as a related science graduate, it will be necessary that your transcript(s) show(s) course work **which includes one year of an appropriate combination of mathematics and basic science courses (32 semester hours or 48 quarter hours)**.

Please furnish the information required below and list, on the following pages, the courses you have completed which are listed as required or optional to meet the criteria established by the Board for consideration as a related science graduate. You should list the titles of the courses you successfully completed, the course numbers, the hours and the grades made. Also list the name of the university where the course work was completed.

\*\*\*\*\*

**To be completed by the applicant:**

<b>Universities Attended</b>	<b>Degree(s) Received</b>	<b>Board Use Only</b>
		<div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div>

**Print Name** \_\_\_\_\_

**Address** \_\_\_\_\_

\_\_\_\_\_

**Date** \_\_\_\_\_ **Daytime tel. number** ( \_\_\_\_\_ ) \_\_\_\_\_

**Have you filed an FE or PE application with this Board?** \_\_\_\_\_

The studies in Mathematics must be beyond trigonometry and must emphasize mathematical concepts and principles rather than computation. These studies must include differential and integral calculus, differential equations. The optional studies may include one or more of the subjects of probability and statistics, linear algebra, numerical analysis and advanced calculus. Courses shall not include courses in computer programming skills or other courses in computer hardware, systems, software, and organization.

	<b>Title of Course</b>	<b>Course No.</b>	<b>Hours</b>	<b>Grade</b>	<b>University where completed</b>
<b>Required</b>					
Differential Calculus	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Integral Calculus	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Differential Equations	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
<b>Optional</b>					
Probability	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Statistics	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Linear Algebra	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Numerical Analysis	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Advanced Calculus	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

**Total Number of Hours \_\_\_\_\_ semester or quarter hours (circle which applies )**

The studies in basic sciences **must include both general chemistry and calculus-based general physics at appropriate levels, with at least two semesters (or equivalent) sequence of study in either area.** The optional studies may include both work in life sciences, earth sciences, and/or advanced chemistry or physics.

	<b>Title of Course</b>	<b>Course No.</b>	<b>Hours</b>	<b>Grade</b>	<b>University where completed</b>
<b>Required</b>					
General Chemistry	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Calculus-based	_____	_____	_____	_____	_____
General Physics	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
<b>Optional</b>					
Life Sciences	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Earth Sciences	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Advanced Chemistry	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Advanced Physics	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

**Total Number of Hours \_\_\_\_\_ semester or quarter hours (circle which applies)**

**Total for Pages Two and Three \_\_\_\_\_ semester or quarter hours (circle which applies and note that 32 semester hours or 48 quarter hours are required)**