

**THE EFFECT OF COOPERATIVE LEARNING MODEL GROUP  
INVESTIGATION ON STUDENT'S LEARNING CONCEPTUAL  
ACADEMIC KNOWLEDGE IN DYNAMIC ELECTRICITY  
IN CLASS X SMA NEGERI 1 SALAK A.Y 2014/2015**

**By:**

**Mia Manik**

**ID Number: 4113322006**

**Bilingual Physics Education Study Program**



**THESIS**

**Submitted to Acquire Eligible Sarjana Pendidikan**

**PHYSICS DEPARTMENT  
FACULTY OF MATHEMATIC AND NATURE SCIENCE  
STATE UNIVERSITY OF MEDAN**

**MEDAN**

**2015**