



UNIVERSITAS NEGERI MEDAN

**THE EFFECT OF COOPERATIVE LEARNING MODEL NUMBERED
HEAD TOGETHER (NHT) TYPE ON STUDENT HIGHER ORDER
THINKING (HOT) LEARNING OUTCOMES IN OPTICAL
DEVICES TOPIC AT SMA NEGERI 1 SECANGGANG**

THESIS

**Submitted to Fulfill The Requirements for
The Degree of Bachelor of Education**

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Bilingual Physics Education Study Program

**PHYSICS DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCE
MEDAN
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