

**รายงานโครงงาน**

**เรื่อง...................................................................................**

**..........................................................................**

**จัดทำโดย**

.............................................................

.............................................................

.............................................................

รายงานโครงงานนี้เป็นส่วนหนึ่งของ รหัสวิชา.....................ชื่อวิชา..................................

ตามหลักสูตร................................................................................

วิทยาลัย.................................................................

ภาคเรียนที่...........ปีการศึกษา..................

**รายงานโครงงาน**

**เรื่อง...................................................................................**

**..........................................................................**

**จัดทำโดย**

.............................................................

.............................................................

.............................................................

รายงานโครงงานนี้เป็นส่วนหนึ่งของ รหัสวิชา.....................ชื่อวิชา..................................

ตามหลักสูตร................................................................................

วิทยาลัย.................................................................

ภาคเรียนที่...........ปีการศึกษา..................

ชื่อโครงงาน .............................................................................................

ผู้ทำโครงงาน.............................................................................................

ครูที่ปรึกษา............................................................................................

ภาคเรียนที่...........ปีการศึกษา..................

**บทคัดย่อ**

โครงงาน(เรื่อง)...................................................................................................................... นี้มีจุดประสงค์เพื่อ......................................................................................................................................ขอบเขตของโครงงาน ...............................................................................................................................วิธีการดำเนินงาน...........................................................................................................กลุ่มตัวอย่าง(ถ้ามี) ..................................................................วิธีการเก็บข้อมูล.................................................................. การวิเคราะห์ข้อมูล.................................................................................................

ผลการดำเนินงาน พบว่า

๑.................................................................................................................................... ....................................................................................................................................................................

๒.................................................................................................................................... ....................................................................................................................................................................

๓.................................................................................................................................... ....................................................................................................................................................................

ข้อค้นพบ.................................................................................................................... ...................................................................................................................................................................

**คำสำคัญ** .................................................................................................................................................

**กิตติกรรมประกาศ**

โครงงาน(เรื่อง)..................................................................................... ฉบับนี้ ได้ดำเนินการโดยได้ด้วยความกรุณาอย่างดียิ่งจาก.....................................................................................ซึ่งได้กรุณาให้ คำปรึกษาในการจัดทำสำเร็จลุล่วงไปด้วยความเรียบร้อย คณะผู้จัดทำขอขอบพระคุณท่านเป็นอย่างสูงไว้ ณ โอกาสนี้

ขอขอบพระคุณ.................................................................................................................... .................................................................................................................................................................... ....................................................................................................................................................................

ขอขอบพระคุณ.................................................................................................................... .................................................................................................................................................................... ....................................................................................................................................................................

ขอขอบพระคุณ.................................................................................................................... .................................................................................................................................................................... ....................................................................................................................................................................

#####  ..................................................................

#####  ..................................................................

#####  ..................................................................

#####  ....เดือน...ปี........

**สารบัญ**

**หน้า**

บทคัดย่อ......................................................……………………………………………………………………………… (ก)

สารบัญ...........……........................................………………………………………………………………………..…… (ข)

สารบัญตาราง……………………………………………………………………………..……......................................... (ค)

สารบัญภาพ……………………………………………………………………………..…….........................................… (ง)

บทที่ 1 บทนำ…………………………………………………………………….......................................……………… ๑

ที่มาและความสำคัญของโครงงาน........………………………………...........................………………… ...

จุดประสงค์ของโครงงาน.........…………..……………………………..............................………………… ...

สมมุติฐาน (ถ้ามี) ……….……………………..……………………………..................................…………… ...

ขอบเขตของโครงงาน.……………………..……………………………..................................……………... ...

นิยามศัพท์เฉพาะ........………………….……………………………...............................……….………..... ...

ประโยชน์ที่คาดว่าจะได้รับ…………………………………..……..............................………………........ ...

บทที่ 2 ทฤษฎีและเนื้อหาที่เกี่ยวข้อง………………………………..……….……………...…………….…………….. ...

................................................................................................................................................. ...

................................................................................................................................................. ...

................................................................................................................................................. ...

................................................................................................................................................. ...

เอกสารงานวิจัยที่เกี่ยวข้อง...........................................…………………………………………….…..… ...

บทที่ 3 วิธีดำเนินการทำโครงงาน.………….……………………………………….……………………………..…….. ...

วัสดุ /อุปกรณ์ เครื่องมือ………………..........................................……………………………………….. ...

ขั้นตอนการดำเนินงาน....…………………………………………………………………….……………………... ...

ประชากรกลุ่มตัวอย่าง (ถ้ามี)……………………………………………………………….……………………... ...

การเก็บรวบรวมข้อมูล......…………………………………………………………………….……………………... ...

การวิเคราะห์ข้อมูล…………………………………………………….…………………….………………………... ...

บทที่ 4 ผลการดำเนินการ…………………..…………………………………………….……………….......…………... ...

ตอนที่ 1................................................................................................................................... ...

ตอนที่ 2................................................................................................................................... ...

ตอนที่ 3 ……………………………………………………………………………………..…………………............ ...

**สารบัญ (ต่อ)**

**หน้า**

บทที่ 5 สรุปการวิจัย อภิปรายผล และข้อเสนอแนะ…..….………….................……..……………….…… ...

สรุปการวิจัย.……………………………….……………………………..................................………………… ...

อภิปรายผล…………………………………………………………..................................……………………… ...

ข้อเสนอแนะ…………………………………………………….....................................……………….……… ...

บรรณานุกรม………………………………………………………………........................................……………..……… ...

ภาคผนวก......………………………………………………………………........................................……………..……… ...

ภาคผนวก ก ..………………………………………………….....................................……………….……… ...

ภาคผนวก ข ..………………………………………………….....................................……………….……… ...

ภาคผนวก ค ..………………………………………………….....................................……………….……… ...

ประวัติผู้จัดทำ..……………………………………………………………........................................……………..……… ...

**สารบัญตาราง**

**ตารางที่ หน้า**

๑.๑ ………....…………………………………………………………………………………………………………..….............. ...

๒.๑ ………....…………………………………………………………………………………………………………..….............. ...

๓.๑ ………....…………………………………………………………………………………………………………..….............. ...

๔.๑ ………....…………………………………………………………………………………………………………..….............. ...

๔.๒ ………....…………………………………………………………………………………………………………..….............. ...

๔.๓ ………....…………………………………………………………………………………………………………..….............. ...

**สารบัญภาพ**

**ภาพที่ หน้า**

๑.๑ ………....…………………………………………………………………………………………………………..….............. ...

๑.๒ ………....…………………………………………………………………………………………………………..….............. ...

๒.๑ ………....…………………………………………………………………………………………………………..….............. ...

๒.๒ ………....…………………………………………………………………………………………………………..….............. ...

๒.๓ ………....…………………………………………………………………………………………………………..….............. ...

# **บทที่ 1**

#### บทนำ

# **1.1 ที่มาและความสำคัญของโครงงาน**

......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

# **1.2 จุดประสงค์ของโครงงาน**

 ๑ .........................................................................................................................................

๒ .........................................................................................................................................

๓ .........................................................................................................................................

# **สมมุติฐาน (ถ้ามี)**

..................................................................................................................................................................................................................................................................................................................

# **ขอบเขตของโครงงาน**

ขอบเขตประชากร ............................................................................................................

ขอบเขตตัวแปร .................................................................................................................

ขอบเขตระยะเวลา..............................................................................................................

# **นิยามศัพท์เฉพาะ**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **ประโยชน์ที่คาดว่าจะได้รับ**

๑ .........................................................................................................................................

๒ .......................................................................................................................................

# **บทที่ 2**

# **ทฤษฎีและเนื้อหาที่เกี่ยวข้อง**

# **เรื่องที่ ๑**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **เรื่องที่ ๒**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **เรื่องที่ ๑**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **เอกสารงานวิจัยที่เกี่ยวข้อง**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **บทที่ 3**

# **วิธีดำเนินการทำโครงงาน**

# **วัสดุ /อุปกรณ์ เครื่องมือ**

๑ .........................................................................................................................................

๒ .........................................................................................................................................

๓ .........................................................................................................................................

๔ .........................................................................................................................................

๕ .........................................................................................................................................

# **ขั้นตอนการดำเนินงาน**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **ประชากรกลุ่มตัวอย่าง (ถ้ามี)**

..................................................................................................................................................................................................................................................................................................................

....................................................................................................................................................................

# **การเก็บรวบรวมข้อมูล**

..................................................................................................................................................................................................................................................................................................................

....................................................................................................................................................................

# **การวิเคราะห์ข้อมูล**

..................................................................................................................................................................................................................................................................................................................

....................................................................................................................................................................

# **บทที่ 4**

# **ผลการดำเนินการ**

# **ตอนที่ 1**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **ตอนที่ 2**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **ตอนที่ 3**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **บทที่ 5**

# **สรุปการวิจัย อภิปรายผล และข้อเสนอแนะ**

# **สรุปการวิจัย**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **อภิปรายผล**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

# **ข้อเสนอแนะ**

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

..................................................................................................................................................................................................................................................................................................................

**บรรณานุกรม**

**หนังสือและบทความในหนังสือ**

คณะกรรมการการอาชีวศึกษา, สำนักงาน. (2549). **คู่มือการประกันคุณภาพภายในสถานศึกษาอาชีวศึกษา**. กรุงเทพมหานคร , ชุมนุมสหกรณ์การเกษตรแห่งประเทศไทย จำกัด.

...........................................................................................................................................................................................................................................................................................................

...........................................................................................................................................................................................................................................................................................................

...........................................................................................................................................................................................................................................................................................................

**ภาคผนวก**

**ภาคผนวก**

**ประวัติผู้จัดทำ**