

# SURVEYING, PATHWAY CERTIFICATE

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## Program Description

The purpose of the Surveying Pathway Certificate is to provide training in basic surveying skills for entry-level positions on surveying field crews and/or to support architectural design, civil design and construction. The surveying classes in the certificate are found in the Civil Engineering & Surveying Technology, AAS degree.

## Program Outcomes

Students who successfully complete the Pathway Certificate in Surveying will:

1. Utilize modern measurement technologies to acquire spatial data

## Career Considerations

Surveying skills are in high demand as technology advances, the economy is expanding which drives demand for new development, and many experienced surveyors are reaching retirement age.

## Program Course Requirements

Course	Title	Credits
<b>First Year</b>		
<b>First Term</b>		
SUR 162	Plane Surveying II	4
<b>Credits</b>		<b>4</b>
<b>Second Term</b>		
MTH 112Z	Precalculus II Trigonometry	4
SUR 163	Route Surveying	4
<b>Credits</b>		<b>8</b>
<b>Third Term</b>		
SUR 161	Surveying I	4
SUR 242	Land Descriptions-Cadastre	3
<b>Credits</b>		<b>7</b>
<b>Total Minimum Credits</b>		<b>19</b>

## Advising Notes

- It is strongly recommended that students pursuing the AAS or AS degree apply to the UCC Registrar’s Office for award of the Pathways Certificates when the coursework is completed, since the certificates are not automatically awarded. The pathway certificate increases employment opportunities.
- MTH 112Z can be a corequisite with SUR 161, and could be taken any term before taking SUR 161.