

**Advanced Manufacturing - Jonesboro**  
**Certificate of Proficiency – CNC Operator (15 credits)**  
**Technical Certificate – Advanced Manufacturing (30 credits)**

**PROGRAM DESCRIPTION** – This program prepares students to enter the workforce as a CNC Machine Operator.

**PROGRAM REQUIREMENTS:**

First Semester				
COURSE ID	COURSE NAME	COLLEGE CREDIT HOURS	HS COURSE CODE	HS HOURS
ADVM1123	Materials, Measurements, and Safety	3	595260	1
ADVM1264	CAD/CAM	4	590910	1
<b>TOTAL HOURS</b>		<b>7</b>		<b>2</b>
Second Semester				
MATH1013	Mathematical Applications or higher-level Math	3	539970	1
ADVM2264	Advanced CAD/CAM	4	592710	1
<b>TOTAL HOURS</b>		<b>7</b>		<b>2</b>
Third Semester				
ADVM1144	CNC Turning	4	592600	1
ADVM1154	CNC Milling	4	592590	1
<b>TOTAL HOURS</b>		<b>8</b>		<b>2</b>
Fourth Semester				
ADVM1134	Job Planning, Benchwork, and Layout	4	592610	1
ENG1203	Workplace Essentials or higher-level English	3	593330	1
<b>TOTAL HOURS</b>		<b>7</b>		<b>2</b>
Fifth & Sixth Semesters				
ADVM1034	Design for Manufacturing	3	590790	1
ADVM1093	Manufacturing Engineering, Design and Problem Solving	3	593190	1
<b>TOTAL HOURS</b>		<b>6</b>		<b>2</b>