

**Information Ticket**

Date: Monday, May 15, 2017

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Process	Action Required
<input checked="" type="checkbox"/> Curriculum Revision <input checked="" type="checkbox"/> Course Revision <input checked="" type="checkbox"/> Probe Notice <input type="checkbox"/> Probe Feedback <input type="checkbox"/> Probe Outcome <input type="checkbox"/> Other	<input type="checkbox"/> Notify Appropriate Personnel <input checked="" type="checkbox"/> Submit Vote <input checked="" type="checkbox"/> Notify Faculty and Administration <input type="checkbox"/> Information Only  <b>Submit Vote By:</b> 6/26/2017
<b>PAS Group Title/PAS Code: Automated Manufacturing Technology/0170</b> <b>Drafting/0490</b> <b>Industrial Systems Technology/0680</b> <b>Industrial Technology/0700</b> <b>Machine Tool Technology/0750</b> <b>Mechanical Engineering Technology/0810</b>	

**Program Standard Title/Major Code(s) AND/OR Course Standard Title/Course Code(s):**

AM12 – Automated Manufacturing Technology (201712) IM61 – Industrial Machining Technology (201712) PMA2 – Precision Manufacturing and Maintenance(201712) PMA3 – Precision Manufacturing and Maintenance(201712) DT12 – Drafting Technology (201412) MM11 – Manufacturing Maintenance Fundamentals (201512) MM31 – Mechanical Maintenance Technician (201712) NM61 – Naval Mechanical Apprentice TCC (201712) MS13 – Precision Manufacturing (201714) BC21 – Basic CNC Technician TCC (201714) BGO1 – Basic Grinding Operations (201712) BM31 – Basic Machinist (201312) BMO1 – Basic Machining Operator (201712) CAM2 – CNC and Machine Tool Technology (201712) CG71 – CNC Operator (201512) CS51 – CNC Specialist (201712) CT12 – CNC Technology (201712) LP11 – Lathe Operator (201712) ME31 – Metals Technician (201712) MP11 – Mill Operator (201712) MT13 – Machine Tool Technology (201712)	MCHT 1012 – Print Reading for Machine Tool MCHT 1013 – Machine Tool Math MCHT 1020 – Heat Treatment and Surface Grinding MCHT 1119 – Lathe Operations I MCHT 1120 – Mill Operations I MCHT 1219 – Lathe Operations II MCHT 1220 – Mill Operations II AMCA 2110 – CNC Fundamentals AMCA 2170 – CNC Practical Applications
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MTT2 – Machine Tool Technology (201712) NM51 – Naval Machine Tool Apprentice (201712) ME22 – Manufacturing Engineering Technology (201712) ME23 – Manufacturing Engineering Technology (201712)	
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## Ticket Information:

The Machine Tool Technology IFCC met in March 2017 and voted to approve the following course revisions. The purpose of the revisions was to facilitate student scheduling by standardizing many of the courses to 4 credit hours each.

Another proposed revision was to change the name of the Machine Tool Technology degree and diploma programs to Precision Machining and Manufacturing to more accurately reflect the industry they serve. That proposed revision is **not part of this probe** and will be followed-up with a discussion after probe voting has been completed.

Outlined below are the proposed course changes as well as how each program was affected.

The presidents approved this probe to be initiated in May 2017. Colleges have until June 26 to submit a vote.

Machine Tool Course Revisions	Lecture Minutes	Lab 2 Minutes	Lab 3 Minutes	Intern Minutes	Contact Hours	Credit Hours	W.L.U.	Contact Hours Per Credit
MCHT 1012 - Blueprint for Machine Tool (201312)	2250	0	0	0	45	3	101.25	15
MCHT 1012 - Print Reading for Machine Tool (201712)	2250	0	0	0	45	3	101.25	15
MCHT 1013 - Machine Tool Math (201003)	1500	0	2250	0	75	3	123.75	25
No New Course Version								
MCHT 1020 - Heat Treatment and Surface Grinding (201312)	1500	0	2250	0	75	3	123.75	25
MCHT 1020 - Heat Treatment and Surface Grinding (201712)	1500	3000	0	0	90	4	142.5	22.5
MCHT 1119 - Lathe Operations I (201312)	750	0	4500	0	105	3	146.25	21
MCHT 1119 - Lathe Operations I (201712)	1500	3000	0	0	90	4	142.5	22.5
MCHT 1120 - Mill Operations I (201312)	750	0	4500	0	105	3	146.25	35
MCHT 1120 - Mill Operations I (201712)	1500	3000	0	0	90	4	142.5	22.5
MCHT 1219 - Lathe Operations II (201312)	750	0	4500	0	105	3	146.25	35
MCHT 1219 - Lathe Operations II (201712)	1500	3000	0	0	90	4	142.5	22.5
MCHT 1220 - Mill Operations II (201312)	750	0	4500	0	105	3	146.25	35
MCHT 1220 - Mill Operations II (201712)	1500	3000	0	0	90	4	142.5	22.5
AMCA 2110 - CNC Fundamentals (201003)	750	1500	2250	0	90	3	127.5	30
AMCA 2110 - CNC Fundamentals (201712)	1500	3000	0	0	90	4	142.5	22.5
AMCA 2170 - CNC Practical Applications (201303)	0	4500	0	4500	90	3	112.5	30
AMCA 2170 - CNC Practical Applications (201712)	750	4500	0	4500	105	4	146.25	26.25

## Summary of Program Revisions

### PAS Group 0170 – Automated Manufacturing Technology

#### **AM12 – Automated Manufacturing Technology**

(Old Version 201003, New Version 201712)

A new version of AMCA 2110 replaced the old version. Total program contact hours remain unchanged and total credit hours increased from 55 to 56.

#### **IM61 – Industrial Machining Technology (West Georgia I.D.)**

(Old Version 201612, New Version 201712)

A new version of MCHT 1020 and AMCA 2110 replaced the old versions. Total program contact hours increased by 15 hours and total credit hours increased from 16 to 18.

### **PMA2 – Precision Manufacturing and Maintenance**

(Old Version 201612, New Version 201712)

A new version of MCHT 1020 and AMCA 2110 replaced the old versions. Changes affected only the Industrial/Mechanical Specialization. Total program contact hours increased by 15 hours and total credit hours for the Industrial/Mechanical Specialization increased from 56 to 58.

### **PMA3 – Precision Manufacturing and Maintenance**

(Old Version 201612, New Version 201712)

A new version of MCHT 1020 and AMCA 2110 replaced the old versions. Changes affected only the Industrial/Mechanical Specialization. Total program contact hours increased by 15 hours and total credit hours for the Industrial/Mechanical Specialization increased from 62 to 64.

### **PAS Group 0490 – Drafting**

#### **DT12 – Drafting Technology**

(Version remains 201412)

A new version of MCHT 1013 replaced the old version. Total program contact hours and credit hours remain unchanged.

### **PAS Group 0680 – Industrial Systems Technology**

#### **MM11 – Manufacturing Maintenance Fundamentals**

(Version remains 201512)

A new version of MCHT 1012 replaced the old version. Total program contact hours and credit hours remain unchanged.

#### **MM31 – Mechanical Maintenance Technician**

(Old Version 201614, New Version 201712)

A new version of MCHT 1119 and MCHT 1120 replaced the old versions. Total program contact hours decreased by 30 hours. Total program credit hours increased from 27 to 29.

#### **NM61 – Naval Mechanical Apprentice TCC (Coastal Pines I.D.)**

(Old Version 201312, New Version 201712)

A new version of MCHT 1119 and MCHT 1120 replaced the old versions. Total program contact hours decreased by 30 hours and total credit hours increased from 26 to 28.

### **PAS Group 0700 – Industrial Technology**

#### **MS13 – Precision Manufacturing (Savannah I.D.)**

(Old Version 201612, New Version 201714)

A new version of MCHT 1012, MCHT 1119, MCHT 1120, AMCA 2110, and AMCA 2170 replaced the old versions. Savannah Tech also requested MCHT 1219 be replaced with MCHT 1013 and AUMF 1520, AUMF 1560, AUMF 1660, AUMG 1540, and AUMF 1580 be removed from the required Occupational Courses. The total program contact hours for the Machine Tool Specialization will decrease by 165 hours and the total credit hours will decrease from 71 to 64.

### **PAS Group 0750 – Machine Tool Technology**

**BC21 – Basic CNC Technician TCC (Southeastern I.D.)**

(Old Version 201712, New Version 201714)

A new version of MCHT 1012, MCHT 1013, AMCA 2110 and AMCA 2170 replaced the old versions. Total program contact hours increased by 15 hours and total credit hours increased from 22 to 24.

**BGO1 – Basic Grinding Operations (Athens I.D.)**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012 and MCHT 1020 replaced the old versions. Total program contact hours increased by 15 hours and total credit hours increased from 10 to 11.

**BM31 – Basic Machinist**

(Version remains 201312)

A new version of MCHT1012 replaced the old version. Total program contact hours and credit hours remain unchanged.

**BMO1 – Basic Machining Operator**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012, MCHT 1013, MCHT 1020, MCHT 1119 and MCHT 1120 replaced the old versions. Total program contact hours decreased by 15 hours and total credit hours increased from 19 to 22.

**CAM2 – CNC and Machine Tool Technology**

(Old version 201312, New version 201712)

A new version of MCHT 1012, MCHT 1013, MCHT 1119, MCHT 1120, MCHT 1219, MCHT 1220, AMCA 2110 and AMCA 2170 replaced the old versions. Total program contact hours decreased by 45 hours and total credit hours increased from 53 to 59.

**CG71 – CNC Operator (South Georgia I.D.)**

(Version remains 201512)

A new version of MCHT 1012 replaced the old version. Total program contact hours and credit hours remain unchanged.

**CS51 – CNC Specialist**

(Old Version 201003, New Version 201712)

A new version of AMCA 2110 and AMCA 2170 replaced the old versions. Total program contact hours increased by 15 hours and total credit hours increased from 20 to 22.

**CT12 – CNC Technology**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012, MCHT 1013, MCHT 1020, MCHT 1119, MCHT 1120, AMCA 2110 and AMCA 2170 replaced the old versions. Total program contact hours decreased by 15 hours and total credit hours increased from 50 to 54.

**LP11 – Lathe Operator**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012, MCHT 1119 and MCHT 1219 replaced the old version. Total program contact hours decreased by 30 hours and total credit hours increased from 13 to 15.

**ME31 – Metals Technician**

(Old Version 201612, New Version 201712)

A new version of MCHT 1119 and MCHT 1120 replaced the old versions. Total program contact hours decreased by 30 hours and total credit hours increased from 18 to 20.

**MP11 – Mill Operator**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012, MCHT 1120 and MCHT1220 replaced the old versions. Total program contact hours decreased by 30 hours and total credit hours increased from 13 to 15.

**MT13 – Machine Tool Technology**

(Old Version 201512, New Version 201712)

A new version of MCHT 1012, MCHT 1013, MCHT 1020, MCHT 1119, MCHT 1120, MCHT 1219, MCHT 1220, AMCA 2110 and AMCA 2170 replaced the old versions. Total program contact hours decreased by 45 hours and total credit hours increased from 60 to 66.

**MTT2 – Machine Tool Technology**

(Old Version 201312, New Version 201712)

A new version of MCHT 1012, MCHT 1013, MCHT 1020, MCHT 1119, MCHT 1120, MCHT 1219, MCHT 1220 and AMCA 2110 replaced the old versions. Total program contact hours decreased by 45 hours and total credit hours increased from 42 to 48.

**NM51 – Naval Machine Tool Apprentice (Coastal Pines I.D.)**

(Old Version 201312, New Version 201712)

A new version of MCHT 1119, MCHT 1120, MCHT 1219, MCHT1220 and AMCA 2110 replaced the old versions. Total program contact hours decreased by 60 hours and total credit hours increased from 29 to 34.

**PAS Group 0810 – Mechanical Engineering Technology**

**ME22 – Manufacturing Engineering Technology (Ogeechee I.D.)**

(Old Version 201614, New Version 201712)

A new version of AMCA 2110 replaces the old version. Total program contact hours remains the same and total credit hours increased from 52 to 53.

**ME23 – Manufacturing Engineering Technology (Ogeechee I.D.)**

(Old Version 201612, New Version 201712)

A new version of AMCA 2110 replaces the old version. Total program contact hours remains the same and total credit hours increased from 70 to 71.