

TO: All Members, University Curriculum Committee; Department Chairs  
FROM: Mark Jackson, Chair, University Curriculum Committee  
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SUBJ: Primary Agenda for the 5th Round of Curriculum Meetings (R3)

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The full schedule of meetings can be found by clicking on this link: "[Committee Calendar](#)."

If you have an item on the agenda, please make sure that someone with knowledge of the proposal attends all subcommittees to which the item is assigned. That means that if your proposal is assigned to the AS and GR committees, you or a representative must attend both subcommittee meetings. Abbreviations used in the agenda are:

AS – School of Arts and Sciences Curriculum Subcommittee  
SEPS – School of Education and Professional Studies Curriculum Subcommittee  
BUS – School of Business Curriculum Subcommittee  
SET – School of Engineering and Technology Curriculum Subcommittee  
GE – General Education Curriculum Subcommittee  
GR – Graduate Studies Curriculum Subcommittee

If an agenda item lacks a sponsor qualified to answer questions about the item, it will automatically be postponed to the next round of meetings in all subcommittees.

Electronic submissions may be viewed by clicking on their hyperlinks in the agenda. Keep in mind that amendments on the agenda may reflect corrections to the electronic submissions. Representatives should make sure that the version of their proposals appearing below accurately represents what they propose.

For committee members, please attend all subcommittees to which you are assigned (check membership by clicking on "[Subcommittee Assignments](#)."

#### REMINDERS:

- There is a new version of the shadow catalog. The link is here: <http://www.ccsu.edu/page.cfm?p=14778>. The password is newcat123
- If you are creating a new course, don't forget to check with Matthew Bielawa (bielawam@mail.ccsu.edu) for available course numbers.

## **Primary Agenda**

### **A. Review minutes of previous meetings**

### **B. Announcements**

### **C. Old Business:**

<b>Geography</b>		
<b>C1.1</b>	<b>Course Revision</b> <a href="#"><u>GEOG 578 Internet GIS and Mapping</u></a>  Revise to:  GEOG 578 Advanced GIS and Mapping 3  Prereqs Planned program of study in MS or Permission of instructor. Advanced study of principles and practices of GIS and Mapping. F(O)  <span style="color: red;">Approved in AS</span>  <span style="color: red;">No representative in GS, postponed</span>	<b>GR</b>
<b>Gerontology</b>		
<b>C2.1</b>	<b>Program Revision</b> <a href="#"><u>Minor in Gerontology</u></a>  <span style="color: red;">Approved in AS</span>  <span style="color: red;">Needs to go to SEPS</span>	<b>SEPS</b>
<b>Manufacturing and Construction Management</b>		
<b>C3.1</b>	<b>Course Revision</b> <a href="#"><u>TM 190 Introduction to Quality Assurance</u></a>  Revise to:  TM 190 Global Quality Management Systems 3  Overview of the influence of the Japanese Lean Management system and the	<b>GE</b>

	<p>International Organization for Standardization (ISO) have had on contemporary quality management systems. Topics include Six Sigma, team building, change management, problem solving, and continuous improvement. Study Area III [I]</p> <p>Approved at SET</p> <p>Representative not present at GE, postponed</p>	
C3.2	<p><b>Course Revision</b> <a href="#"><u>TM 456 HAZWHOPPER &amp; Hazardous Material Management</u></a></p> <p>Revise to: TM 456 Hazardous Material Management 3</p> <p>Study of environmental regulations and their impact on industrial operations. Emphasis is on application of statutes, regulations and information sources concerning hazardous materials, waste handling and technical decisions pertinent to environmental and safety issues. Spring(O) (GR)</p> <p>Approved at SET</p> <p>No representative in GR, postponed</p>	GR
C3.3	<p><b>Course Revision</b> <a href="#"><u>MFG 216 Manufacturing Processes</u></a> 3</p> <p>Revise to:</p> <p>MM 216</p> <p>Change prereqs to TM 120 or ENGR 150, or permission of instructor</p> <p>Original item approved by SET is withdrawn</p> <p>Amend as follows:</p> <p>Change the wording in the description from “three hours lecture and two hours lab” to “two hours lecture and three hours lab.”</p> <p>Note: course remains 3 credits</p>	SET
C3.4	<p><b>Course Revision</b> <a href="#"><u>MFG 226 Principles of Computer Numerical Control</u></a> 3</p> <p>Revise to:</p> <p>MM 226 Principles of Computer Numerical Control (CNC)</p>	SET

	<p>Change prereqs to MM 121 or ETM 260 or permission of instructor</p> <p>Item withdrawn and will be revised at request of department</p>	
<b>C3.5</b>	<p><b>Course Revision</b> <a href="#"><u>MFG 236 Tool Design</u></a> 3</p> <p>Revise to:</p> <p>MM 236</p> <p>Change prereqs to MM 121 or permission of instructor</p> <p>Item withdrawn and will be revised at request of department</p>	<b>SET</b>
<b>C3.6</b>	<p><b>Course Revision</b> <a href="#"><u>EMEC 324 Fluid Power Systems</u></a></p> <p>Revise to:</p> <p>MM 324</p> <p>Item withdrawn and will be revised at request of department</p>	<b>SET</b>
<b>C3.7</b>	<p><b>Program Addition</b> BS Manufacturing Management</p> <p><b>BS – Manufacturing Management (NEW)</b></p> <p>Major Requirements (45 credits)</p> <p>CET 113 Intro to Info Processing      TM 120 Intro to Technology Mgt      TM 121 Mechanical CAD      TM 190 Global Quality Mgmt Systems      MM 216 Manufacturing Processes      AC 210 Industrial Accounting      MGT 295 Fundamentals of Management      MKT 295 Fundamentals of Marketing      TM 310 EH&amp;S      MM 360 Production Systems      TM 362 Leading Project Teams      MM 366 Supply Chain and Purchasing Strategies      TM 401 Senior Seminar and Internship      TM 464 Six Sigma Quality      MM 390 Lean Operations Management</p> <p><b>Directed Electives (w/advisor) (12 credits)</b></p> <p><b>Electives (12 credits)</b></p> <p>MM 226 Principles of CNC      MM 236 Tool Design</p>	<b>SET</b>

	<p>MM 324 Fluid Power TM 480 Robotics or CM 335 Construction Safety TM 411 Industrial Hygiene TM 414 Accident Investigation TM 456 Hazardous Material Management</p>	
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**General Education**

Study Area I -Arts and Humanities (9)

Literature      3  
                  3  
                  3

Study Area II - Social Sciences (9)

ECON 201      3  
Historical      3  
                  3

Study Area III - Behavioral Sciences (6)

PSY 112 \*\*      3  
                  3

Study Area IV - Natural Scientific (6)

PHYS 111 w/lab 3  
CHEM 161/162 w/lab 3

Skill Area I - Communication Skills (6)

ENG 110\*      3  
ENGR 290      3

Skill Area II - Mathematical (6)

STAT 104 \*      3  
Math 115      3

Skill Area III Foreign Language

Skill Area IV Univ Requirement 2-3

**This item is awaiting approval of previous items**

<b>Teachers Education</b>		
<b>C4.1</b>	<p><b>Course Revision</b> <a href="#">EDTE 314 Applied Learning Theories (K-12 Programs)</a></p> <p>Revise to:</p> <p>Change title to: Applying Learning Theories in Inclusive Settings (K-12 Programs)</p> <p>Change description to: 20 hours of field experience in assigned settings required. Examination of educational theory and research related to K-12 practices, learning communities, and learners' developmental needs that promote equity. The course emphasizes elementary level teaching.</p>	<b>SEPS</b>
<b>Theatre</b>		
<b>C5.1</b>	<p><b>Program revision</b> <a href="#">Major in Theatre, B.F.A.</a></p> <p>This was approved at AS</p> <p>Move TH 347 Acting III 3 from guided electives to core courses</p> <p>Dance courses need to be signed off by Phys Ed and it needs to go to SEPS</p>	<b>SEPS</b>
<b>Physical Education</b>		
<b>C6.1</b>	<p><b>Program Revision</b> <a href="#">Major in Physical Education, B.S. Ed.</a></p> <p>Pending approval of PE 150</p> <p>New amendments pending</p>	<b>SEPS</b> <b>GE</b>
<b>C6.2</b>	<p><b>Course Addition</b> <a href="#">PE 150 Fitness/Wellness for Educators</a></p> <p>GE is being asked to review how PE150 will be used for Skill Area IV</p> <p>Pending Deans Signature</p>	<b>SEPS</b> <b>GE</b>

**D. New Business:**

<b>Biomolecular Science</b>		
1.1	<p><b>Course revision</b> <a href="#">BMS 414 Pharmacology, Physiology, and Drug Development</a></p> <p><b>Change prereqs to:</b> BMS 318 or BMS 319 or BMS 412 or BIO 318 or BIO 319 or BIO 412; and CHEM 200 and CHEM 201; or permission of department chair</p>	<b>AS</b> <b>SET</b>
1.2	<p><b>Course Revision</b> <a href="#">BMS 496 Capstone in Biosynthesis, Bioenergetics and Metabolic</a></p> <p>Change prereqs to: BMS 306 or 307 or BMS 311 or BMS 316; and CHEM 210 and CHEM 211; or permission of department chair</p>	<b>AS</b> <b>SET</b>
1.3	<p><b>Course Revision</b> <a href="#">BMS 216 Microbiology for Nursing</a></p> <p>Change prereqs to: BMS 102, or BMS 111, or BIO 111, and CHEM 161, or permission of department chair</p>	<b>AS</b> <b>SET</b>
1.4	<p><b>Course Revision</b> <a href="#">BMS 206 Genetics for Nursing</a></p> <p>Change prereqs to: BMS 102, or BMS 111, or BIO 111, and CHEM 161 (may be taken concurrently); or permission of department chair</p>	<b>AS</b> <b>SET</b>
1.5	<p><b>Program Revision</b> <a href="#">Major in Biomolecular Sciences, B.S. (Non-teaching)</a></p>	<b>AS</b> <b>SET</b>
1.6	<p><b>Course Revision</b> <a href="#">BMS 506 Biosynthesis, Bioenergetics, and Metabolic Regulation</a></p> <p>Change prereqs to: BMS 306 or BMS 307 or BMS 311, or BMS 316; and CHEM 210 and 211, <b>or permission of department chair</b></p>	<b>AS</b> <b>SET</b> <b>GR</b>

<b>Computer Science</b>		
<b>2.1</b>	Course Addition: <a href="#">CS 415 Computer Game Development</a>	<b>AS</b>
<b>2.2</b>	Course revision: <a href="#">CS 151 Computer Science I</a>  Remove Skill Area II	<b>AS</b> <b>GE</b>
<b>2.3</b>	Course revision: <a href="#">CS 214 Applications of Computing II</a>  Add prereq: CS 213	<b>AS</b> <b>GE</b>
<b>2.4</b>	Course revision: <a href="#">CS 355 Introduction to Systems Programming</a>  Change title to Systems Programming  Update course description	<b>AS</b>
<b>2.5</b>	Course revision: <a href="#">CS 483 Theory of Computation</a>  Change prereqs to MATH 218 and CS 253	<b>AS</b>
<b>2.6</b>	Program Revision: <a href="#">Major in Computer Science, B.S. (Honors) (Non-Teaching) (CAC/ABET-accredited)</a>	<b>AS</b>
<b>Construction Management</b>		
<b>3.1</b>	Course Addition: <a href="#">CM 555 Construction Project Controls</a>	<b>SET</b> <b>GR</b>
<b>3.2</b>	Course Addition: <a href="#">CM 595 Applied Research in Construction Management</a>	<b>SET</b> <b>GR</b>
<b>3.3</b>	Course Revision: <a href="#">CM 485 Construction Management Senior Seminar</a>	<b>SET</b>

3.4	Course Revision: <a href="#">596 Topics in Construction Management</a>	SET GR
3.5	Program Revision: <a href="#">MASTER OF SCIENCE IN CONSTRUCTION MANAGEMENT</a>	SET GR
<b>History</b>		
4.1	Course Addition: <a href="#">HIST 305 Anicent Mesopotamia</a>  Correct number and title is HIST 306 Ancient Mesopotamia  Seeking International	AS GE
4.2	Course Addition: <a href="#">HIST 306 Ancient Israel</a>  Correct number is HIST 307  Seeking International	AS GE
4.3	Course Addition: <a href="#">HIST 307 Topics in Ancient History</a>  Correct number is HIST 308  Seeking International	AS GE
4.4	Course Addition: <a href="#">HIST 406 Legends as Ancient History</a>  Seeking International	AS GE
4.5	Course Addition: <a href="#">HIST 422 Topics in Japanese History</a>  Seeking International	AS GE
4.6	Course Addition: <a href="#">HIST 530 Seminar in Ancient History</a>	AS GR

<b>4.7</b>	Course Deletion: <a href="#">HIST 433 History of Ancient Greece</a>	<b>AS</b>
<b>4.8</b>	Course Deletion: <a href="#">HIST 434 History of Ancient Rome</a>	<b>AS</b>
<b>4.9</b>	Course Addition : <a href="#">Hist 502 Historiography</a>	<b>GR</b> <b>AS</b>
<b>4.10</b>	Program Revision <a href="#">MASTER OF ARTS IN HISTORY</a>	<b>AS</b> <b>GR</b>
<b>International Studies</b>		
<b>5.1</b>	Course Addition IS 500 Practicing International Studies 3  Admission to MS in International Studies  Introduction to the field of international studies. Defines the scope of the questions and the nature of practice in the field, and how scholars find materials for their research and writing. Addresses issues of intellectual integrity common to the scholarly community. Fall	<b>AS</b> <b>GR</b>
<b>5.2</b>	Program Revision <a href="#">Master of Science in International Studies</a>	<b>AS</b> <b>SEPS</b> <b>GR</b>
<b>Journalism</b>		
<b>6.1</b>	Course Addition <a href="#">JRN 450 Journalism Studies Abroad</a>	<b>AS</b>

6.2	<p>Program Revision <a href="#">Minor in Journalism</a></p> <p>Add JRN 340 Introduction to Broadcast News Add JRN440 TV News Practicum</p>	AS
6.3	<p>Program Addition <a href="#">Major in Journalism</a></p> <p><u>Current:</u></p> <p>Broadcast Sequence 18 credits</p> <p>a. Required</p> <p>JRN 340 Introduction to Broadcast News COMM 330 Digital Film and Television Production COMM 427 Digital Film and Television Production II COMM 230 Introduction to Mass Media Or COMM 255 Visual Communication</p> <p><u>Change to:</u></p> <p>Broadcast Sequence 18 credits</p> <p>a. Required</p> <p>JRN 340 Introduction to Broadcast News 3 JRN 440 TV News Practicum 3 and Either COMM 230 Introduction to Mass Media 3 Or COMM 255 Visual Communication 3</p>	AS
<b>Music</b>		
7.1	<p>Course revision: <a href="#">Ethnomusicology</a></p> <p>Study area I</p>	AS GE

<b>Physics and Earth Sciences</b>		
<b>8.1</b>	Program Revision <a href="#"><u>Major in Earth Sciences, B.S. (non-teaching)</u></a>  Correct title of 161/162 2) Delete CHEM 163/164 3) Add CHEM 260 and 201	<b>AS</b>
<b>8.2</b>	Program Revision <a href="#"><u>Major in Earth Sciences with a specialization in Geology, B.S.</u></a>  Correct title of 161/162 2) Delete CHEM 163/164 3) Add CHEM 260 and 201	<b>AS</b>
<b>8.3</b>	Program Revision <a href="#"><u>Major in Physics, B.S. (non-teaching)</u></a>  Correct title of 161/162 2) Delete CHEM 163/164 3) Add CHEM 260 and 201.	<b>AS</b>
<b>Psychological Sciences</b>		
<b>9.1</b>	Course Revision: <a href="#"><u>PSY 350 Cross-Cultural Psychology</u></a>	<b>AS</b> <b>GR</b>
<b>9.2</b>	Course Revision: <a href="#"><u>PSY 430 Psychology of Diversity</u></a>	<b>AS</b> <b>GR</b>
<b>9.3</b>	Course revision <a href="#"><u>PSY 541 Health Psychology</u></a>  Change prereqs to: Admission to graduate program in <b>MA Psychology</b> or permission of instructor	<b>AS</b> <b>GR</b>

9.4	<p>Course Revision <a href="#">PSY 550 Introduction to Community Psychology</a></p> <p>Change prereqs to: Admission to graduate program in <b>MA Psychology</b> or permission of instructor</p>	<b>AS</b> <b>GR</b>
9.5	<p>Course Revision: Psy 571 Psychology of Women's Health</p> <p>Change prereqs to: Admission to graduate program in <b>MA Psychology</b> or permission of instructor</p>	<b>AS</b> <b>GR</b>
<b>Spanish</b>		
10.1	<p>Course Revision: <a href="#">SPAN 118 Intensive Elementary Spanish</a></p> <p>Remove International</p>	<b>AS</b> <b>GE</b>
10.2	<p>Program Revision: <a href="#">Major in Spanish, B.A.</a></p>	<b>AS</b>
10.3	<p>Program Revision: <a href="#">Major in Spanish, B.S. (Certifiable for secondary teaching)</a></p>	<b>AS</b> <b>SEPS</b>
<b>STEM</b>		
11.1	<p>Course Revision: <a href="#">SCI 580 Topics in Science Education</a></p>	<b>AS</b> <b>SET</b> <b>GR</b>
11.2	<p>Course addition: <a href="#">STEM 501 Applying mathematical Concepts</a></p>	<b>AS</b> <b>SET</b> <b>GR</b>

11.3	Course revision <a href="#">TE 506 STEM in Technology and Engineering Education</a> Change descriptor to STEM	AS SET GR
11.4	Course Addition <a href="#">STEM 520 STEM Practices in the Physical Sciences</a>	AS SET GR
11.5	Course Addition <a href="#">STEM 530 STEM Practices in the Earth/Space Sciences</a>	AS SET GR
11.6	Course Addition <a href="#">STEM 595 Action Research in STEM Education</a>	AS SET GR
11.7	Course Addition <a href="#">Stem 540 STEM Practices in the Life Sciences</a>	AS SET GR
11.8	Course Addition <a href="#">STEM 598 Research in STEM Education</a>	AS SET GR
11.9	Course Addition <a href="#">TE 517 Robotics Applications for STEM</a> Change descriptor to STEM	AS SET

		<b>GR</b>
<b>11.10</b>	Course Addition <a href="#">TE 521 Engineering Design for STEM</a>  Change descriptor to STEM	<b>AS</b> <b>SET</b> <b>GR</b>
<b>11.12</b>	Program Addition <a href="#">MS Science, Technology, Engineering, and Math (STEM) for Certified Teachers</a>	<b>AS</b> <b>SET</b> <b>GR</b>
<b>Theater</b>		
<b>12.1</b>	Course Revision: <a href="#">TH 111 Stagecraft</a>  Changing the credits from 0-3 to 3	<b>AS</b> <b>GE</b>
<b>12.2</b>	Course Revision: <a href="#">TH 115 Play Production</a>  Change prereqs: By permission of department  Change description: Students may elect to work in stagecraft, lighting, sound, scene painting or properties, costuming, front- of-house management, or performance. May be repeated for maximum of 6 credits.	<b>AS</b>
<b>12.3</b>	Course Revision: <a href="#">TH 148 Studio Performance I</a>  Change title to TH 148 Performance Studio	<b>AS</b> <b>GE</b>
<b>12.4</b>	Course Revision: <a href="#">TH 165 Improvisation for the Classroom</a>  Change cycling to irregular	<b>AS</b>

12.5	Course Revision: <a href="#">TH 217 Sceno-Graphic Techniques</a>  Add prereq of TH 111	AS
12.6	Course Revision: <a href="#">TH 347 Acting III</a>  Amend prereqs to: TH 246 and 338, or permission of instructor  Deleting the two lectures and one two hour lab per week, so students can do rehearsals on varying schedules.	AS
12.7	Course Revision: <a href="#">TH 352 Directing for the Stage</a>  Change preqs to: TH 246 and TH 253, or by permission of department	AS
12.8	Course Revision: <a href="#">TH 465 Creative Dramatics for Children</a>  Change prereqs to: TH 165 or permission of department	AS
12.9	<b>Course Deletion:</b> <a href="#">TH 348 Performance Studio II</a>	AS
12.10	<b>Program Deletion:</b> <a href="#">Major in Theatre with Specialization in Costume Design, BFA (65 credits)</a>	AS
<b>Physical Education and Human Performance</b>		
13.1	<b>Course deletion:</b> <a href="#">PE 525 Concepts in Athletic Administration</a>	SEPS GR
13.2	<b>Course deletion:</b> <a href="#">PE 524 Sport, Physical Education, Athletics, and the Law</a>	SEPS

		<b>GR</b>
13.3	<b>Course Addition:</b> <a href="#">EXS 516 Foundations of Leadership for Sport and Exercise</a>	<b>SEPS</b> <b>GR</b>
13.4	<b>Course Addition:</b> <a href="#">EXS 593 Advanced Physiology of Sport and Exercise II</a>	<b>SEPS</b> <b>GR</b>
13.5	<b>Course revision:</b> <a href="#">EXS 507 Human Perspective in Sport</a>  Change title to: Sociological Foundations of Sport and Exercise	<b>SEPS</b> <b>GR</b>
13.6	<b>Course revision:</b> <a href="#">EXS 515 Sport, Physical Activity, and Exercise Psychology</a>  Change title to: Foundations of Sport and Exercise Psychology	<b>SEPS</b> <b>GR</b>
13.7	<b>Course revision:</b> <a href="#">EXS 522 Physical Activity and Health</a>  Change title and descriptor to: PE Physical Activity and Health Concepts for Physical Educators	<b>SEPS</b> <b>GR</b>
13.8	<b>Course revision:</b> <a href="#">EXS 592 Advanced Physiology of Sport &amp; Exercise</a>  Change to: EXS 592 Advanced Physiology of Sport & Exercise I 3  Prereqs: Admission in MS in Physical Education  Using exercise physiology as a basis, examination of acute and chronic adaptations of the body to high physiological demands of physical activity and sport. Topics covered include bioenergetics, physiology of the skeletal system, cardiorespiratory system, and renal system. Undergraduate course in exercise physiology is required <b>for full admission to MS Physical Education</b>	<b>SEPS</b> <b>GR</b>

	program	
13.9	<b>Program revision:</b> <a href="#">Master of Science in Physical Education</a>	<b>SEPS</b> <b>GR</b>
<b>Educational Leadership &amp; Educational Technology</b>		
14.1	<b>Course revision</b> EDL 590 leaders as Learners: Educational leadership and Self-Assessment  Prereq.: Admission to the Sixth Year Certificate program; or permission of department chair.  Self-assessment of leadership. Discussion of self-awareness as the cornerstone of effective leadership. Exploration of State and national standards, learning and leading styles, the impact of cultural and experiential background, and values and beliefs concerning educational leadership. Spring, Summer. [GR]	<b>SEPS</b> <b>GR</b>
14.2	<b>Course revision</b> <a href="#">EDL 605 Leadership in Teaching and Learning I</a>  Change preqs to: Admission to the Sixth-Year Certificate program and EDL 590	<b>SEPS</b> <b>GR</b>
14.3	<b>Course revision</b> <a href="#">EDL 610 School Leadership I</a>  Change preqs to: Admission to the Sixth-Year Certificate program and EDL	<b>SEPS</b> <b>GR</b>
14.4	<b>Course revision</b> <a href="#">EDL 615 Understanding External Environments of School</a>  Change preqs to: Admission to the Sixth-Year Certificate program and EDL	<b>SEPS</b> <b>GR</b>