**TO: Faculty Senate**

**FROM: Beth Merenstein, Chair, University Curriculum Committee**

**SUBJECT: Curriculum Committee Report**

**DATE: 10/17/19**

The following items were approved at the University Curriculum Committee meeting of October 16th, 2019

1. Announcements

BMS is in the process of converting its MA in BMS to an MS in BMS. There are no other changes to the program except for the change from ARTS to SCIENCE on the degree. This has already gone through entire process of vetting so this is for informational purposes only.

1. Minor Changes
	1. **Geography**:

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| --- | --- | --- |
| **Item**  | **Title**  | **Proposed Correction**  |
| Minor  | Geographic Information Sciences Minor  | Geography - Geographic Information Science Minor  |
| Minor  | Environmental Geography Minor  | Geography - Environmental Geography and Sustainability Minor  |
| Minor  | Geography Minor  | Geography - General / Regional Minor  |
| Minor  | Tourism Minor  | Geography - Tourism Minor  |
| Minor  | Geography with Specialization in Planning Minor  | Geography - Planning Minor  |
| Major  | Hospitality and Tourism, B.S.  | Tourism and Hospitality Studies, B.S.  |
| GEOG 440  | Rural Land Planning  | Rural Land Use Planning  |
| GEOG 130  | Introduction to Geography Information Science  | GEOG 130  Introduction to Geographic Information Science  |

* 1. **Chemistry Changes**

Change course: **CHEM 100 Search in Chemistry**

(Change title to): Chemistry in Context

Examination of various topics, contemporary issues, and problems related to chemistry and biochemistry. Three hours of lecture per week. No credit given toward a major or minor in the sciences.

Delete “May be repeated with a different topic for up to 6 credits”.

Change course: **CHEM 200 Foundations of Analytical Chemistry**

Prerequisites: Grade of C- or better in CHEM 161 and CHEM 162. MATH 115 AND 116 OR MATH 119 OR MATH 124 OR MATH 115 AND MATH 125

Change course: **CHEM 260 Foundations of Inorganic Chemistry**

Prerequisites would read: Grade of C- or better in CHEM 161 and CHEM 162. MATH 115 AND 116 OR MATH 119 OR MATH 124 OR MATH 115 AND MATH 125

Change course: **CHEM 354 Foundations of Biochemistry**

Prerequisites would read: C- or better in CHEM 210. MATH 115 AND 116 OR MATH 119 OR MATH 124 OR MATH 115 AND MATH 125

* 1. Marketing: change the course number to MKT 482 from MKT 480 to avoid course number duplication (this course was already approved last academic year)
1. Consent Agenda:
	1. Please note the following items can also be viewed under the system dashboard and the Faculty Senate Workflow State here: [Curriculum Dashboard](https://ccsu.smartcatalogiq.com/Curriculum-Management-System/Dashboard/Curriculum-Dashboard/?&workbox=%7bA11D2B29-293F-48A7-855D-345F0B33347D%7d)

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| **Item** | **Type** | **Name** |
| 3.1 | Change Course | [ATR 500 Pre-Clinical in Athletic Training - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b5589872A-B278-46AD-A498-BE9A355D13A7%7d) |
| 3.2 | Change Course | [ATR 501 Clinical I: Acute Care & Emergency Medicine - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b78F2D83F-BE6A-4C9B-AF8A-9E846D5750FA%7d) |
| 3.3 | Change Course | [ATR 502 Clinical II: Orthopedics - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bCE9740EE-1DB1-41B9-B191-D6EC727C280D%7d) |
| 3.4 | Change Course | [ATR 503 Clinical III: Rehabilitation - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bBB353532-E01D-4EDE-A754-FB230B554091%7d) |
| 3.5 | Change Course | [CE 301 CE Fundamental Computations - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bE513172B-C2AB-4F10-88F7-A531134A5021%7d) |
| 3.6 | Change Course | [CE 376 Environmental Engineering - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bA815294A-7019-43D9-B416-7777E0E7C095%7d) |
| 3.7 | Change Course | [CE 498 Civil Engineering Senior Design Project (Capstone) - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b0E61BA2B-4F93-478D-A65D-DA29EC3C8250%7d) |
| 3.8 | Change Course | [CHEM 212 Organic Synthesis - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bA4B2972F-06EB-4637-8F44-89096CDCC91D%7d) |
| 3.9 | Change Course | [DES 499 Computer Applications for Graphic/Information Design - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b05E27440-7743-4B06-B8E4-D6ADD73E9921%7d) |
| 3.10 | Change Course | [ENGR 510 Engineering Optimization - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bB38C4B0A-4C8C-4A5B-A04A-A72D974575C8%7d) |
| 3.11 | Change Course | [ENGR 592 Research and Development of Experiments - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bB4B441C5-5D48-42D1-95D2-F8A460601BFE%7d) |
| 3.12 | Change Course | [MATH 102 Applied Algebra - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bB55901DD-2F74-43BC-810D-C059BE585F98%7d) |
| 3.13 | Change Course | [MATH 103 College Algebra - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b275D63A8-A99F-4020-A8FC-7A8636451B69%7d) |
| 3.14 | Change Course | [ME 352 Modeling and Control of Dynamic Systems - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b340E00FA-FAA3-4E06-A212-4B9DD58B026B%7d) |
| 3.15 | Change Course | [ME 403 Aerospace Control Systems - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b221922B9-2F05-47F4-99C5-7CEDA2059165%7d) |
| 3.16 | Change Course | [ME 497 Senior Project I: Project Research - 2 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b8C875636-6FB0-4AB7-8608-8FCBAE851DC3%7d) |
| 3.17 | Change Course | [ME 498 Senior Project II: Design Project - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bC3D25A13-0289-41E9-97FB-AA45E064DA09%7d) |
| 3.18 | Change Course | [ME 523 Contemporary Engineering Materials - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bB29FE0AC-C223-4966-B82E-58876B304AED%7d) |
| 3.19 | Change Course | [ME 569 Composite Design and Analysis - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7b008ECA6D-974D-4137-9352-F2D1623E0119%7d) |
| 3.20 | Change Course | [ROBO 380 Mechatronics - 4 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b06FA7B65-D30A-48D2-A50B-BDE2CE8DEC14%7d&item=%7bDA44E22E-9AD1-4E43-B95A-835966C043D1%7d) |
| 3.21 | Change Program | [Geography with Specialization in Environmental Geography and Sustainability, B.A.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b7E302639-2EB7-476E-9EE4-AD701C87D448%7d) |
| 3.22 | Change Program | [Geography with Specialization in General/Regional Geography, B.A.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7bD33D8D15-90CF-4209-AEDE-4D9439CC7393%7d) |
| 3.23 | Change Program | [Geography with Specialization in Tourism, B.A.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b6731505B-78E2-4867-8BFF-684DFDCA09CC%7d) |
| 3.24 | Change Program | [Hospitality and Tourism, B.S.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b6D2D70AA-B7F0-4A47-95BB-9E3AD07D4294%7d) |
| ~~3.25~~ | ~~Change Program~~ | [~~Management Information Systems, B.S.~~](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b5300C1B6-ABE6-467D-9EDF-83A5BC7F4E26%7d)**REMOVE FROM CONSENT AGENDA** |
| 3.26 | Change Program | [Mathematics Minor (Non-teaching)](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7bE08DFA99-6480-4C9C-9705-1BCF55ED3051%7d) |
| 3.27 | Change Program | [Political Science, B.A.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b2DFF9A6A-6C9D-4CD7-A7C6-CAC0F1F61CA8%7d) |
| 3.28 | Change Program | [Robotics and Mechatronics Engineering Technology, B.S.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7b29CD1807-93A9-4E5F-B3DC-6E453E904924%7d) |
| 3.29 | Change Program | [Technology Management M.S.](https://ccsu.smartcatalogiq.com/?sc_itemid=%7bB0B93825-3654-4ECE-91EB-4D1FE5871321%7d&item=%7bD683CB1D-FE05-4C7D-AE95-1456C52C01C3%7d) |
| 3.30 | New Course | [CE 552 Advanced Foundation Engineering - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b4E39C626-2B7E-48E5-858F-8F2B227BF0BB%7d) |
| 3.31 | New Course | [CE 570 Advanced Steel Structure Design - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b2F40769D-CDA5-40C0-9E9F-69F4337FD2FB%7d) |
| 3.32 | New Course | [CE 571 Advanced Concrete Design - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b1F91A613-396B-4D89-A305-DAD11589547B%7d) |
| 3.33 | New Course | [CE 572 Design of Prestressed Concrete Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b30811089-178A-4860-81DB-121C0AC310B6%7d) |
| 3.34 | New Course | [CE 573 Plastic Design of Steel Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bDC9DCFDB-6050-4856-A51E-8CD7EE384AB6%7d) |
| 3.35 | New Course | [CE 574 Finite Element Method for CE Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bC939C7E9-D8E3-4E3B-A0BC-64E97E38B742%7d) |
| 3.36 | New Course | [CE 575 Dynamics of Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b8CDBD011-34EA-4374-A4BC-6F3AFA074CD6%7d) |
| 3.37 | New Course | [CE 576 Bridge Engineering - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bA1DF3614-F6DE-4526-9689-F28AAFF634C9%7d) |
| 3.38 | New Course | [CE 577 Earthquake Engineering - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b0FD79354-AECB-485E-83AA-451F0D08A790%7d) |
| 3.39 | New Course | [CE 578 Loads for Civil Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bF6970DE0-C4A1-49B8-82CE-B659AE6FFA74%7d) |
| 3.40 | New Course | [CE 597 Thesis I - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b5EC54036-A595-47EA-8A57-B70B311D8313%7d) |
| 3.41 | New Course | [CE 599 Thesis II - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b20C739F5-0DF9-46AE-8F38-7833DED096B0%7d) |
| 3.42 | New Course | [CM 550 Automated and Emerging Technologies in Construction - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b8F869718-1BB1-4E85-9A75-7FC52708FF07%7d) |
| 3.43 | New Course | [DES 599 Advanced Computer Applications for Graphic/information Design - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b15FC774A-B91D-415F-8372-9876FBFF8493%7d) |
| 3.44 | New Course | [ENGR 501 Engineering Analysis - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b1C2748E5-7582-4903-BBCA-7DF6345BC507%7d) |
| 3.45 | New Course | [ENGR 557 Advanced Mechanics of Materials - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bD133FFC0-C46F-4102-A134-C3EC48238C23%7d) |
| 3.46 | New Course | [LLA 528 Multisensory Structured Language Instruction - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b596CAFF6-F4CB-4022-958E-68012DA27CF5%7d) |
| 3.47 | New Course | [LLA 529 Multisensory Structured Language Instruction Practicum - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b0D37A63F-C540-4DC0-B12A-AD8F3EAD1F52%7d) |
| 3.48 | New Course | [MATH 422 Introduction to Mathematical Software - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bA2A522B9-9496-48E3-9E4C-C9DE076CAE06%7d) |
| 3.49 | New Course | [ME 501 Digital Control - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b6939A297-AF15-412D-9DE8-BE32C0D8D2FB%7d) |
| 3.50 | New Course | [ME 502 Optimal Control - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b3B69CEF6-0157-4DCC-A5FF-17495817EF66%7d) |
| 3.51 | New Course | [ME 503 Dynamic System Parameter Identification - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b204F10B9-5224-4A5C-B73B-C3B7A5DC7EFE%7d) |
| 3.52 | New Course | [ME 505 Design of Control Systems with Uncertainties - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bA2F651C0-1425-49C6-B900-ED6B16A392E7%7d) |
| 3.53 | New Course | [ME 509 Guidance, Navigation, and Control - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bD312B9A2-E5EA-43B7-A41D-C09A60FAB655%7d) |
| 3.54 | New Course | [ME 516 Machines and Mechanisms - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bACA8F76B-07FD-4872-8AFE-F560C89ADD61%7d) |
| 3.55 | New Course | [ME 518 Fracture Mechanics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bC3F6BEB5-C43B-4687-BC46-8AB3751A0540%7d) |
| 3.56 | New Course | [ME 520 Tribology - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b0B58AF03-A208-4DA8-B699-91BC8AD59322%7d) |
| 3.57 | New Course | [ME 522 Elasticity and Plasticity - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b1524A1F9-755B-4E13-ABA4-5C66E64F5949%7d) |
| 3.58 | New Course | [ME 525 Materials Engineering of Additive Manufacturing - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bC7B3336A-8633-4862-A366-C64F82FE7616%7d) |
| 3.59 | New Course | [ME 540 Advanced Geometric Dimensioning & Tolerancing and Metrology - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b207376D3-DE06-4C87-A4BA-CAF695474568%7d) |
| 3.60 | New Course | [ME 545 Design and Analysis of Additive Manufacturing - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b8F016F5B-192A-4AA6-AE14-9E136941C18E%7d) |
| 3.61 | New Course | [ME 551 Advanced Fluid Mechanics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b189CCBD5-B307-4F16-985A-B106E867A546%7d) |
| 3.62 | New Course | [ME 553 Computational Fluid Dynamics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b9000724C-2C48-4710-82C6-C3DAA3EB5300%7d) |
| 3.63 | New Course | [ME 554 Advanced Heat Transfer - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bF5BAFB78-E12A-404D-96EA-F7340178B7C9%7d) |
| 3.64 | New Course | [ME 555 Combustion - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b40F5FA95-B720-4D3A-AC1E-A6D98C2D5C0B%7d) |
| 3.65 | New Course | [ME 557 Turbomachinery - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b79F32C3F-D34F-478F-BE40-6C3B500E3020%7d) |
| 3.66 | New Course | [ME 559 Heating, Ventilation & Air Conditioning - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b66BF821F-423F-453C-B4A1-13E06B8EBA00%7d) |
| 3.67 | New Course | [ME 563 Engineering of Additive Manufacturing Processes - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bE52F1493-0039-4754-8ABC-EAE85B4945C5%7d) |
| 3.68 | New Course | [ME 565 Advanced Manufacturing Engineering - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b14E8CC22-55BE-4F31-AC07-749088D052C8%7d) |
| 3.69 | New Course | [ME 567 Advanced Finite Element Analysis - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bB6E7D77A-BC67-414F-9D07-40F65810593E%7d) |
| 3.70 | New Course | [ME 580 Aerospace Propulsion Systems - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b9A4FB58C-3E4E-449A-9931-66FE14900FAB%7d) |
| 3.71 | New Course | [ME 582 Advanced Propulsion - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b00B776F0-1A7B-476F-96C8-0C234AF0AE7E%7d) |
| 3.72 | New Course | [ME 583 Advanced Aerodynamics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b4CF41019-0AF2-4587-A7F3-ACF7CCFBBA80%7d) |
| 3.73 | New Course | [ME 586 Aerospace Structures - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bF42F5867-3EA4-4793-9A25-781339A85824%7d) |
| 3.74 | New Course | [ME 588 Flight Dynamics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b37D917EC-8D1D-430B-A0C4-F1D2CEC286F8%7d) |
| 3.75 | New Course | [ME 597 Thesis I - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bCFA10884-6FB7-40AC-BB43-4503C7A1C3AB%7d) |
| 3.76 | New Course | [ME 599 Thesis II - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b5919ECE7-48AE-463F-81B3-F956146C038F%7d) |
| 3.77 | New Course | [ROBO 425 Advanced Programmable Logic Controllers - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b5FDC713D-2C58-4E9A-9A2C-4A78C2D7C13B%7d) |
| 3.78 | New Course | [SPED 528 Multisensory Structured Language Instruction - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7b319AC7F2-1AB8-4B6A-8160-A9E36C0843D8%7d) |
| 3.79 | New Course | [SPED 529 Multisensory Structured Language Instruction Practicum - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bCACD79CF-959C-473E-8097-7A7B0BCD70B9%7d) |
| 3.80 | New Course | [SPED 537 Executive Function, ADHD, and Learning - credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bA4E67F88-F9AD-4E99-9031-F17F8C463083%7d) |
| 3.81 | New Course | [TM 570 Supply Chain Modeling and Analysis - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bB1C82B31-9F13-4E25-989E-9854DF6362BC%7d) |
| 3.82 | New Course | [TM 576 Autonomous Logistics - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bD15735AE-C153-41B5-B224-AD0B1C466D13%7d) |
| 3.83 | New Course | [TM 596 Topics in Supply Chain & Logistics Management - 3 credits](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b962CFDBF-F033-4C35-8664-CCC1977E079E%7d&item=%7bFDA2564F-1F49-4DC5-A8BF-B5E365F029DB%7d) |
| 3.84 | New Program | [Civil Engineering, MS](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b02B544B6-DF99-4C3B-846B-2ECE0BC0C882%7d&item=%7bB44B9F4E-8617-4137-9FA9-EF663EF517B9%7d) |
| 3.85 | New Program | [Mechanical Engineering, MS](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b02B544B6-DF99-4C3B-846B-2ECE0BC0C882%7d&item=%7b494F7B65-FDF3-48E9-A590-64077D59FDC7%7d) |
| 3.86 | New Program | [Official Certificate Program in Additive Manufacturing Engineering](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b02B544B6-DF99-4C3B-846B-2ECE0BC0C882%7d&item=%7b5924CD45-9EF3-424C-B527-F547F0727DF0%7d) |
| 3.87 | New Program | [Official Certificate Program in Advanced Manufacturing Engineering](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b02B544B6-DF99-4C3B-846B-2ECE0BC0C882%7d&item=%7b3468AD43-FDFA-42E2-8A56-144F673FC9B4%7d) |
| 3.88 | New Program | [Supply Chain & Logistics Management (M.S. Program)](https://ccsu.smartcatalogiq.com/?sc_itemid=%7b02B544B6-DF99-4C3B-846B-2ECE0BC0C882%7d&item=%7bB8A36340-0B01-4CF9-8E82-37AA385A6CAC%7d) |